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THE
ASIATIC SOCIETY OF BOMBAY
Town Hall, Bombay.

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LIST

BB.j.1

OF THE SPECIMENS OF

BRITISH ANIMALS

IN

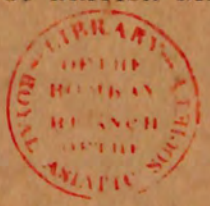
THE COLLECTION

OF THE

BRITISH MUSEUM.

PART IX.

EGGS OF BRITISH BIRDS.



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INTRODUCTION.

THE principal object of the present Catalogue has been to give a complete list of *all* the birds that have been recorded as found in Great Britain and Ireland, indicating the Eggs of those species which are contained in the Collection and those which are wanting in it.

Under each species there have been appended references to the various works in which the Eggs are represented, under the name employed in the respective works.

This Catalogue has been prepared by Mr. G. R. Gray, the Senior Assistant in the Department.

JOHN EDWARD GRAY.

British Museum,
16th February 1852.

CATALOGUE

OF

EGGS OF BRITISH BIRDS.

Class AVES.

Order I. ACCIPITRES.

Sub-Order I. ACCIPITRES DIURNI.

Fam. I. VULTURIDÆ.

i. Vulturinæ.

1. GYPS.

? Gyps fulvus. The fulvous Vulture. B.M.

Vultur fulvus, *Gmel.*; *Thienem. Fortpfl. Vög. Eur.* t. 1. f. 1; *Lefevre, Ool. Eur.* t. .; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 1.
Vultur leucocephalus, *Meyer.*
Vultur albicollis, *Linderm.*
Vultur perenopterus, *Daud.*
Vultur vulgaris, *Daud.*
Vultur tinnulos, *Bechst.*
Vultur persicus, *Pall.*
Vultur indicus, *Temm.*
Vultur Kolbii, *Daud.*
Gyps vulgaris, *Sav.*
Gyps fulvus, *G. R. Gr.*
The Griffon Vulture, *Yarr.*

ii. Neophroninæ.

1. NEOPHRON.

1. ? Neophron percnopterus. The Alpine Vulture.

Vultur percnopterus, *Linn.*
Vultur stercorarius, *Lapeyr.*
Vultur leucocephalus, *Briss.*
Vultur fuscus, *Bodd.*
Vultur ginginianus, *Daud.*
Vultur albus, *Daud.*
Vultur meleagris, *Pall.*
Cathartes percnopterus, *Temm.*; *Lefevre, Ool. Eur.* t.
Percnopterus ægyptiacus, *Steph.*
Neophron percnopterus, *Sav.*; *Hewit. Brit. Ool.* pl. 163.
Vultur albicans, *Meisner.*
Egyptian Vulture, *Eyton*; *Yarr.*
Alpine Vulture, *Bew.*
Klein, Ova Av. t. 5. f. 3?

Fam. II. FALCONIDÆ.

i. Aquilinæ.

1. AQUILA.

a. Aquila.

1. Aquila chrysaëtos. The golden Eagle. B.M.

Aquila chrysaëtos, *Pall.*
Falco chrysaëtos, *Linn.*; *Hewit. Brit. Ool.* pl. 26.
Falco melanaëtos, et Falco fulvus, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 1. f. 6; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 15.
Falco canadensis, *Linn.*
Aquila nobilis, *Pall.*
Falco niger, *Gmel.*
Falco americanus, *Gmel.*
Falco melanonotus, *Lath.*
Aquila fulva, *Meyer*; *Schinz, Eier*, t. 37. f. 3.
Falco regalis, *Temm.*
Aquila regia, *Less.*
Aquila daphænia, *Hodgs.*

Aquila melanaëtus, *Brehm.*
The golden Eagle, *Bew.*; *Yarr.*
The Ring-tailed Eagle, *Bew.*; *Lew. Br. B. & Eggs*, t. 1. pl. 1. f. 1.

?2. AQUILA NÆVIA. The rough-footed Eagle.
Aquila nævia, *Meyer.*
Falco nævius, *Gmel.*
Falco maculatus, *Gmel.*
Aquila pomarina, *Brehm.*
Aquila planga, *Vieill.*
Aquila bifasciata, *Hornsch.*
Aquila melanaëtos, *Sav.*
Aquila clanga, *Pall.*
Aquila vittata, *Hodgs.*
Spizaëtus fuscus, *Vieill.*
The Spotted Eagle, *Yarr.*
Black Eagle, *Penn.*
Klein, Ova Av. t. 5. f. 1.

2. PANDION.

a. PANDION.

1. PANDION HALIAËTUS. The Osprey. B.M.
Pandion haliaëtus, *Cuv.*
Falco haliaëtus, *Linn.*; *Hewit. Brit. Ool.* pl. 146; *Lefevre, Ool. Eur.* t. .; *Thienem. Fortpfl. Vög. Eur.* t. 2. f. 3; *Oken, Naturg. Nest. u. Eier*, t. 3, f. 12.
Aquila haliaëtus, *Meyer*; *Schinz, Eier*, t. 38. f. 2.
Pandion fluvialis, *Sav.*
Aquila balbuzardus, *Dum.*
Pandion ichthyaëtus, *Kaup.*
Pandion alticeps, et Pandion planiceps, *Brehm.*
Accipiter haliaëtus, *Pall.*
Pandion indicus, *Hodgs.*
Falco carolinensis, Falco cayanensis, et Falco arundinaceus. *Gmel.*
Falco piscator, *Briss.*
Aquila piscatrix, *Vieill.*
Pandion americanus, *Vieill.*
Aquila (Pandion) haliaëta, *Rich. and Sw.*
Balbusardus haliætus, *Flem.*
Triorches fluvialis, *Leach.*
The Osprey, *Bew.*; *Lew. Br. B. & Fygs*, i. pl. 1. f. 2.
The Osprey or Fishing Hawk, *Yarr.*
Klein, Ova Av. t. 5. f. 4; t. 6. f. 5.

3. HALIAËTUS.

1. HALIAËTUS ALBICILLA. The cinereous Eagle. B.M.

Haliaëtus albicilla, *Leach.*
Vultur albicilla, *Linn.*; *Hewit. Brit. Ool.* pl. 45; *Thienem. Fortpfl. Vög. Eur.* t. 2. f. 1.
Falco ossifraga, et Falco melanaëtos, *Linn.*
Aquila ossifraga, *Pall.*
Falco albicaudus, *Gmel.*
Haliaëtus nisus, *Sav.*
Falco hinnularius, *Lath.*
Aquila albicilla, *Pall.*; *Schinz, Eier*, t. 37. f. 4.
Haliaëtus orientalis, Haliaëtus borealis, Haliaëtus islandicus, et Haliaëtus grœnlandicus, *Brehm.*
Falco albicilla, *Gmel.*; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 14.
Haliaëtus pygargus, *Eyton.*
The White-tailed Eagle, *Bew.*; *Yarr.*
The Sea Eagle, *Bew.*
Cinereous Eagle, *Mont.*

ii. BUTEONINÆ.

1. BUTEO.

a. BUTEO.

1. BUTEO VULGARIS. The common Buzzard. B.M.

Buteo vulgaris, *Bechst.*; *Hewit. Brit. Ool.* pl. 86.
Falco buteo, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 3. f. 1; *Schinz, Eier*, t. 38. f. 5; *Oken, Naturg. Nest. u. Eier*, t. 2, f. 32, 33.
Falco glaucopis, *Merr.*
Buteo mutans, et Buteo fasciatus, *Vieill.*
Falco variegatus, Falco versicolor, Falco cinereus, et Falco obsoletus, *Gmel.*
Buteo albus, *Daud.*
Accipiter buteo, *Pall.*
Falco pogana, *Savi.*
Buteo septentrionalis, Buteo medius, et Buteo murum, *Brehm.*
Buteo vulgaris, japonicus. *Temm. et Schl.*
Buteo fuscus, *Macgill.*

The Common Buzzard, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs.* i. pl. 1. f. 3.
Buzzard, *Penn.*

Günther, Eierw. t. 50, 63; *Klein, Ova Av.* t. 6. f. 2; *Zinanni, Uova*, t. 14. f. 76.

2. ARCHIBUTEO.

1. ARCHIBUTEO LAGOPUS. The rough-legged Falcon.

Archibuteo lagopus, *G. R. Gr.*
Falco lagopus, *Brün.*; *Thienem. Fortpfl. Vög. Eur.* t. 2. f. 2; *Schinz, Eier*, t. 39. f. 1; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 6.
Falco plumipes, *Daud.*
Falco sclavonicus, *Lath.*
Falco pennatus, *Cuv.*
Archibuteo planiceps, et Archibuteo alticeps, *Brehm.*
Accipiter lagopus, *Pall.*
Butaëtes buteo, *Less.*
Butaëtes Lessonii, *A. Smith.*
Butaëtes lagopus, *Pr. Bonap.*
Buteo lagopus, *Leach*; *Hewit. Brit. Ool.* pl. 158.
Triorchis lagopus, *Kaup.*
Rough-legged Falcon, *Mont.*
Rough-legged Buzzard, *Yarr.*

iii. MILVINÆ.

1. PERNIS.

1. PERNIS APIVORUS. The honey Buzzard. B.M.

Pernis apivorus, *Cuv.*; *Hewit. Brit. Ool.* pl. 140.
Falco apivorus, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 3. f. 3; *Naum. Eierw.* t. 7. f. 7; *Schinz, Eier*, t. 39. f. 2; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 7, 8, 10.
Falco poliorhynchus, *Bechst.*
Falco dubius, *Sparr.*
Falco incertus, *Lath.*
Accipiter lacertarius, *Pall.*
Pernis apium, et Pernis vesparum, *Brehm.*
Buteo apivorus, *Vieill.*
The Honey Buzzard, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs.* i. pl. 1. f. 4.

Zinanni, Uova, t. 13. f. 75.

2. MILVUS.

a. Milvus.

1. Milvus regalis. The Kite. B.M.

Milvus regalis, *Briss.*
Falco milvus, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 2. f. 6; *Schinz, Eier,* t. 38. f. 3; *Lefœvre, Ool. Eur.* t. ; *Oken. Naturg. Nest. u. Eier,* t. 3. f. 3, 4.
Falco austriacus, *Gmel.*
Accipiter korschun, *S. G. Gmel.*
Milvus ictinus, *Savig.*
Milvus castaneus, *Daud.*
Milvus russicus, *Daud.*
Milvus jaicensis, *Lepech.*
Accipiter regalis, *Pall.*
Milvus vulgaris, *Flem.*; *Hewit. Brit. Ool.* pl. 117.
Milvus ruber, *Brehm.*
The Kite, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs,* i. pl. 2. f. 3.
Kite or Glead, *Selby.*

Günther, Eierw. t. 25, 76; *Zinanni, Uova e Nidi,* t. 13. f. 73; *Klein, Ova Av.* t. 6. f. 1.

? 3. NAUCLERUS.

? a. Nauclerus.

? 1. Nauclerus furcatus. The swallow-tailed Falcon.

Elanoïdes furcatus, et Elanoïdes yetapa, *Vieill.*
Nauclerus furcatus, *Vigors.*
Falco furcatus, *Linn.*
Milvus carolinensis, *Briss.*
Milvus furcatus, *Jenyns.*
The Swallow-tailed Kite, *Yarr.*

iv. Falconinæ.

1. FALCO.

a. Hierofalco.

1. Falco gyrfalco. The Jerfalcon. B.M.

Falco (Hierofalco) candicans, et Falco (Hierofalco) gyrfalco, *Kaup.*

Falco (Hierofalco) islandicus, *Kaup.*
Falco gyrfalco, *Linn.*
Falco islandicus, *Brün.*; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 9.
Falco saeer, *Gmel.*
Buteo cinereus, *Daud.*
Falco fuscus, *Brün.*
Falco candicans, *Gmel.*
Falco grœnlandicus, *Hanc.*
Hierofalco candicans, *Cuv.*
Hierofalco islandicus, et Hierofalco grœnlandicus, *Brehm.*
Gyrfalco candicans, *Flem.*
Hierofalco gyrfalco, *Eyton.*
The Jerfalcon, *Bew.*
The Gyrfalcon, *Penn.*; *Yarr.*

b. Falco.

2. Falco peregrinus. The peregrine Falcon. B.M.

Falco peregrinus, *Gmel.*; *Hewit. Brit. Ool.* pl. 62; *Thienem. Fortpfl. Vög. Eur.* t. 1. f. 2; *Schinz, Eier*, t. 39. f. 10; *Leferre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 26, 27.
Falco abietinus, *Bechst.*
Falco barbarus, *Linn.*
Falco communis, *Briss.*
Falco orientalis, *Gmel.*
Falco punicus, *Levaill.*
Falco peregrinus, et Falco micrurus, *Hodgs.*
Falco calidus, *Lath.*
Falco cornicum, *Brehm.*
The Lanner, *Penn.*
The Peregrine Falcon, *Mont.*; *Yarr.*

2. HYPOTRIORCHIS.

a. Hypotriorchis.

1. Hypotriorchis subbuteo. The Hobby. B.M.

Hypotriorchis subbuteo, *Boie.*
Falco subbuteo, *Linn.*; *Hewit. Brit. Ool.* pl. 122; *Thienem. Fortpfl. Vög. Eur.* t. 1. f. 3; *Naum. Eierw.* t. 5. f. 5; *Schinz, Eier*, t. 39. f. 8; *Oken, Naturg. Nest. u. Eier*, t. 2 f. 22, 23.

Falco barletta, *Daud.*
Falco subbuteo major, *Lath.*
Falco pinetarius, *Shaw.*
Falco hirundinum, *Brehm.*
Falco (Hypotriorchis) subbuteo, *Kaup.*
The Hobby, *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 3. f. 3.

Günther, Eierw. t. 73.

b. Æsalon.

2. Hypotriorchis æsalon. The Merlin. B.M.

Hypotriorchis æsalon, *Boie.*
Falco æsalon, *Gmel.*; *Hewit. Brit. Ool.* pl. 128; *Thienem. Fortpfl. Vög. Eur.* t. 1. f. 4; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 21.
Falco cæsius, *Meyer.*
Falco lithofalco, *Gmel.*
Falco regulus, *Pall.*
Falco sibiricus, *Shaw.*
Falco smirillus, *Sav.*
Æsalon lithofalco, et Falco (Æsalon) lithofalco, *Kaup.*
The Merlin, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 3. f. 4.
Stone Falcon, *Mont.*

3. TINNUNCULUS.

a. Tinnunculus.

1. Tinnunculus alaudarius. The Kestril. B.M.

Tinnunculus alaudarius, *G. R. Gr.*
Falco tinnunculus, *Linn.*; *Hewit. Brit. Ool.* pl. 27; *Thienem. Fortpfl. Vög. Eur.* t. 1. f. 5; *Naum. Eierw.* t. 1. f. 2; *Schinz, Eier*, t. 39. f. 11; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 24, 25; *Graves, Ov. Br.* pl. . f. 2, 3.
Accipiter alaudarius, *Briss.*
Falco brunneus, *Bechst.*
Cerchneis tinnuncula, *Boie.*
Falco fasciatus, *Retz.*
Falco rufescens, *Swains.*
Falco interstinctus, *M'Clell.*
Falco tinnunculus, japonicus, *Temm. et Schl.*
Cerchneis murum, Cerchneis media, et Cerchneis tinnuncula, *Brehm.*

Ægypius tinnunculus. *Kaup.*
The Kestrel, *Bew.*
The Kestril or Windhover, *Yarr.*
Kestril Hawk, *Lew. Brit. B. & Eggs*, i. pl. 3. f. 1.

Günther, Eierw. t. 48, 78; *Klein, Ova Av.* t. 6. f. 4, 6, 7, 8; *Zinanni, Uova*, t. 15. f. 78?

b. Erythropus.

2. Tinnunculus vespertinus. The Red-footed Falcon. B.M.

Tinnunculus vespertinus, *G. R. Gr.*
Falco vespertinus, *Linn.*
Falco rufipes, *Beseke.*
Cerchneis vespertinus, *Boie.*
Erythropus vespertinus, *Brehm.*
Pannychistes rufipes, *Kaup.*
Tinnunculus (Erythropus) rufipes, et Tinnunculus (Erythropus) vespertinus, *Kaup.*
The Red-legged Falcon, *Eyton.*
The Red-footed Falcon, *Yarr.*

v. Accipitrinæ.

1. ASTUR.

a. Astur.

1. Aster palumbariuus. The Goshawk. B.M.

Astur palumbarius, *Bechst.*
Falco palumbarius, *Linn.*; *Hew. Brit. Ool.* pl. 132; *Thienem. Fortpfl. Vög. Eur.* t. 2. f. 4; *Schinz, Eier*, t. 39. f. 6; *Leferve, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 31.
Buteo palumbarius, *Flem.*
Accipiter palumbarius, *Jenyns.*
Falco gallinarius, *Gmel.*
Falco gentilis, *Linn.*
Falco albescens, *Bodd.*
Accipiter astur, *Pall.*
Astur gallinarum, *Brehm.*
The Goshawk, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 2. f. 2.

Gentil Falcon, *Bew.*

Zinanni, Uova, t. 14. f. 77.

2. ACCIPITER.

a. ACCIPITER.

1. ACCIPITER NISUS. The Sparrow-Hawk. B.M.

Accipiter nisus, *Pall.*
Falco nisus, *Linn.*; *Hewit. Brit. Ool.* pl. 24; *Thienem. Fortpfl. Vög. Eur.* t. 2. f. 5; *Naum. Eierw.* t. 3. f. 2; *Schinz, Eier*, t. 39. f. 7; *Graves*; *Ov. Br.* pl. . f. 1; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 28, 29, 30.
Accipiter fringillarius, *Jenyns.*
Nisus communis, *Cuv.*
Accipiter maculatus, *Briss.*
Falco lacteus, *Gmel.*
Nisus elegans, Nisus fringillarum, et Nisus peregrinus. *Brehm.*
Sparvius nisus, *Vieill.*
Nisus fringillarius, *Kaup.*
Accipiter nisosimilis, *Tick.*
Accipiter subtypicus, *Hodgs.*
Ierax fringillarius, *Leach.*
Buteo nisus, *Flem.*
Astur nisus, *Keys. & Bl.*
The Sparrowhawk, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 3. f. 2.

Günther. Eierw. t. 6.

vi. CIRCINÆ.

1. CIRCUS.

a. STRIGICEPS.

1. CIRCUS CYANEUS. The Hen Harrier. B.M.

Circus cyaneus, *Boie*; *Hewit. Brit. Ool.* pl. 78.
Falco cyaneus, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 3. f. 4.; *Naum. Eierw.* t. 3. f. 3; *Schinz, Eier*, t. 39. f. 4; *Lefevre, Ool. Eur.* t. . f. ; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 36.

Circus Egithus, *Leach.*
Falco pygargus, *Linn.*
Accipiter variabilis, *Pall.*
Falco bohemicus, Falco albicans, Falco griseus, et Falco montanus, *Gmel.*
Falco cinereus, et Falco rubiginosus, *It. Poseg.*
Circus gallinarius, *Sav.*
Falco strigiceps, *Nils.*
Pygargus dispar, *Koch.*
Circus pygargus, *Cuv.*
Strigiceps pygargus, *Pr. Bonap.*
Circus (Strigiceps) cyaneus, *Pr. Bonap.*
Falco hudsonius, *Linn.*
Circus hudsonius, *Vieill.*
Falco uliginosus, *Gmel.*
Circus uliginosus, *Vieill.*
Circus (Strigiceps) uliginosus, *Kaup.*
Falco variegatus, et Falco albidus, *Gmel.*
Circus variegatus, *Vieill.*
Falco Buffonii, *Gmel.*
Falco europogistus, *Bosc.*
Buteo (Circus) cyaneus? var.? americanus, *Sw. and Rich.*
Buteo cyaneus, *Jenyns.*
The Hen Harrier, *Bew.*; *Yarr.*; *Lew. Br. B. and Eggs*, i. pl. 2. f. 4.
The Ring-tail, *Bew.*

b. Glaucopteryx.

2. Circus cinereaceus. The Ash-coloured Falcon.

Falco cinereaceus, *Mont.*; *Thienem. Fortpfl. Vög. Eur.* t. 3. f. 5; *Schinz, Eier*, t. 39. f. 5; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 35.
Falco cinerarius, *Mont.*
Circus cinerarius, *Leach.*
Circus cinereaceus, *Naum.*; *Hewit. Brit. Ool.* pl. 82. f. 2.
Circus Montagui, *Vieill.*
Buteo cinereaceus, *Flem.*
Circus (Glaucopteryx) cinereaceus, *Kaup.*
Ash-coloured Falcon, *Mont.*
Ash-coloured Harrier, *Selby.*
Montagu's Harrier, *Yarr.*

c. Pygargus.

3. Circus æruginosus. The Moor Buzzard. B.M. ,

Circus æruginosus, *Sav.*; *Hewit. Brit. Ool.* pl. 82. f. 1.
Falco æruginosus, *Linn.*
Circus palustris, *Briss.*
Circus variegatus, *Sykes.*
Falco rufus, *Gmel.*; *Thienem. Fortpfl. Vög. Eur.* t. 3. f. 6; *Naum. Eierw.* t. 4. f. 4; *Schinz, Eier*, t. 39. f. 3; *Lefevre, Ool. Eur.* t. . f. ; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 34.
Circus rufus, *Briss.*
Falco arundinaceus, *Bechst.*
Falco Krameri, *Kram.*
Circus rufus, *var.* indicus, et Circus Sykesi, *Less.*
Buteo æruginosus, *Flem.*
Accipiter circus, *Pall.*
Pygargus rufus, *Koch.*
Buteo rufus, *Jenyns.*
Moor Buzzard, *Bew.*; *Lew. Br. B. and Eggs*, i. pl. 2. f. 1.
Marsh Harrier, *Selby*; *Yarr.*

Nozem. and Scpp. Nederl. Vög. t. 9; *Zinanni, Ova*, t. 13. f. 74?; *Klein, Ova Av.* t. 6. f. 3.

Sub-Order II. ACCIPITRES NOCTURNI.

Fam. III. STRIGIDÆ.

i. Surninæ.

? 1. SURNIA.

? 1. Surnia ulula. The Hawk Owl. ,

Surnia ulula, *Bonap.*
Strix ulula, et Strix funerea, *Linn.*
Strix doliata, *Pall.*
Strix canadensis, et Strix freti hudsonis, *Briss.*
Strix hudsonia, *Gmel.*
Strix nisoria, *Meyer.*

Strix arctica, *Sparr.*
Noctua (Surnia) funerea, *Cuv.*
Surnia funerea, *Brehm.*
Surnia borealis, *Less.*
Surnia nisoria, *Brehm.*
Syrnium nisoria, *Kaup.*
Syrnia funerea, *Macgill.*
The Hawk Owl, *Yarr.*

2. NYCTEA.

1. NYCTEA NIVEA. The snowy Owl.

Nyctea nivea, *Bonap.*
Strix nyctea, *Linn.*
Strix nivea, *Daud.*
Strix candida, *Lath.*
Strix erminea, *Shaw.*
Nyctea erminea, *Steph.*
Nyctia candida, *Swains.*
Noctua nyctea, *Cuv.*
Surnia nyctea, *Selby.*
Syrnium nyctea, *Kaup.*
Syrnia nyctea, *Macgill.*
Snowy Owl, *Mont.*; *Yarr.*

3. ATHENE.

a. ATHENE.

1. ATHENE NOCTUA. The Little Owl. B.M.

Athene noctua, *Boie.*
Strix noctua, *Retz.*
Strix passerina, *Lath.*; *Hewit. Brit. Ool.* pl. 136; *Thienem. Fortpfl. Vög. Eur.* t. 3. f. 9; *Naum. Eierw.* t. 5. f. 8; *Schinz, Eier*, t. 40. f. 7; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 13.
Noctua passerina, *Cuv.*
Noctua glaux, *Sav.*
Strix nudipes, et S. psilodactyla, *Nils.*
Athene psilodactyla, *Brehm.*
Noctua veterum, *Licht.*
Athene passerina, *Boie.*
Athene gymnopus, *Hodgs.*

Carine passerina, *Kaup.*
Syrnia psilodactyla, *Macgill.*
Surnia noctua, *Keys. & Bl.*
The Little Owl, *Mont.*; *Yarr.*; *Lew. Br. B.* i. pl. 4. f. 4; *Zinanni, Uova*, t. 16. f. 86.

4. NYCTALE.

1. NYCTALE FUNEREA. Tengmalm's Owl.

Nyctale funerea, et Nyctale Tengmalmi, *Pr. Bonap.*
Strix funerea, *Linn.*
Strix passerina, *Pall.*
Strix Tengmalmi, *Gmel.*; *Hewit. Brit. Ool.* pl. 107. f. 3; *Thienem. Fortpfl. Vög. Eur.* t. 3. f. 10; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 19.
Nyctale pinetorum, Nyctale abietum, et Nyctale planiceps, *Brehm.*
Noctua Tengmalmi, *Cuv.*
Athene Tengmalmi, *Boie.*
Ægolius Tengmalmi, *Kaup.*
Nyctale Richardsoni, *Pr. Bonap.*
Ulula Tengmalmi, *Audub.*
Strix passerina, *Forst.*
Scotophilus Tengmalmi, *Swains.*
The Little Owl, *Bew.*
Tengmalm's Owl, *Eyton*; *Yarr.*

ii. BUBONINÆ.

1. EPHIALTES.

a. EPHIALTES.

1. EPHIALTES SCOPS. The Scops eared Owl.

Ephialtes scops, *G. R. Gr.*
Strix scops, *Linn.*; *Hewit. Brit. Ool.* pl. 107. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 4. f. 3; *Schinz, Eier*, t. 40. f. 3; *Leferre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 14.
Strix zorca, *Cetti.*
Strix carniolica, *Gmel.*
Scops zorca, *Swains.*
Strix gui, *Scop.*

Scops Aldrovandi, *Flem.*
Scops ephialtes, *Sav.*
Scops europæus, *Less.*
Bubo scops, *Boie.*
Scops carniolica, *Brehm.*
Strix pulchella, *Pall.*
Scops pennata, et Scops sunia, *Hodgs.*
Otus (Scops) japonicus, *Temm. et Schl.*
Scops senegalensis, *Swains.*
Scops capensis, *A. Smith.*
Otus (Scops) africana, *Temm. et Schl.*
Ephialtes scops, *Keys. & Bl.*
Otus scops, *Schleg.*
The Little-eared Owl, *Mont.*
Scops-eared Owl, *Selby*; *Yarr.*

Zinanni, Uova, t. 16. f. 87.

2. BUBO.

a. Bubo.

1. Bubo maximus. The great eared Owl. B.M.

Bubo maximus (*Sibb.*) *Flem.*
Strix bubo, *Linn.*; *Hewit. Brit. Ool.* pl. 107. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 3. f. 12; *Naum. Eierw.* t. 2. f. 1; *Schinz, Eier*, t. 40. f. 1; *Oken, Naturg. Nest. u. Eier.* t. 2. f. 16.
Asio bubo, *Swains.*
Bubo atheniensis, *Daud.*
Bubo europæus, *Less.*
Strix scandiaca, *Linn.*
Bubo albus, et Bubo nudipes, *Daud.*
Bubo germanicus, et Bubo septentrionalis, *Brehm.*
Otus bubo, *Schleg.*
The great eared Owl, *Bew.*
Eagle Owl, *Penn.*; *Yarr.*
Great horned or Eagle Owl, *Selby.*

Zinanni, Uova, t. 16. f. 86; *Klein, Ova Av.* t. 7. f. 1.

iii. Syrniinæ.

1. SYRNIUM.

a. Syrnium.

1. Syrnium aluco. The Tawny Owl. B.M.

Syrnium aluco, *Cuv.*
Strix aluco, *Linn.*; *Hewit. Brit. Ool.* pl. 7. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 3. f. 7; *Schinz, Eier*, t. 40. f. 5; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 15.
Strix stridula, *Linn.*
Strix sylvatica, *Shaw.*
Syrnium ululans, *Sav.*
Syrnium stridulum, *Brehm.*
Strix sylvestris, Strix alba, Strix noctua, et Strix rufa, *Scop.*
Ulula aluco, *Macgill.*
The Tawny Owl, *Bew.*; *Yarr.*; *Lew. Br. B. and Eggs*, i. pl. 4. f. 3.

Günther. Eierw. t. 40?; *Zinanni, Uova*, t. 16. f. 88.

2. OTUS.

a. Otus.

1. Otus vulgaris. The long-eared Owl. B.M.

Otus vulgaris, *Flem.*
Strix otus, *Linn.*; *Hewit. Brit. Ool.* pl. 20. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 4. f. 1; *Naum. Eierw.* t. 3. f. 4; *Schinz, Eier*, t. 40. f. 2; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 18.
Strix soloniensis, *Gmel.*
Otus europæus, *Steph.*
Bubo otus, *Boie.*
Otus communis, *Less.*
Strix (Asio) otus, *Richard. & Sw.*
Otus sylvestris, Otus arboreus, et Otus gracilis, *Brehm.*
Otus americanus, *Pr. Bonap.*
Otus Wilsonianus, *Less.*
Asio otus, *Macgill.*
Otus asio, *Leach.*

Ægolius otus, *Keys. & Bl.*
The Long-eared Owl, *Bew.*; *Yarr.*; *Lew. Br. B. and Eggs*, i. pl. 4. f. 1.

Günther. Eierw. t. 86.

b. Brachyotus.

2. Otus brachyotus. The short-eared Owl. B.M.

Otus brachyotus, *Boie.*
Strix brachyotus, *Gmel.*; *Hewit. Brit. Ool.* pl. 20. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 4. f. 2; *Schinz, Eier*, t. 40. f. 4; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 17.
Otus ulula, *Cuv.*
Strix ægolius, Strix ulula, et Strix accipitrina, *Pall.*
Strix caspia, *Shaw.*
Otus palustris, et Otus agrarius, *Brehm.*
Brachyotus palustris, *Gould.*
Strix arctica, *Sparrm.*
Strix tripennis, *Schranks.*
Strix palustris, *Smies.*
Strix brachyura, *Nils.*
Strix (Asio) brachyotus, *Richard. & Sw*
Asio brachyotus, *Macgill.*
Otus microcephalus, *Leach.*
Ægolius brachyotus, *Keys. & Bl.*
The Short-eared Owl, *Bew.*; *Yarr.*

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iv. Strigin.e.

1. STRIX.

1. Strix flammea. The Barn Owl. B.M.

Strix flammea, *Linn.*; *Hewit. Brit. Ool.* pl. 7. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 3. f. 8; *Naum. Eierw.* t. 6. f. 1; *Schinz, Eier*, t. 40. f. 6; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 20.
Strix guttata, *Brehm.*
Aluco flammeus, *Flem.*
The White Owl, *Bew.*
Barn or White Owl, *Selby*; *Yarr.*; *Lew. Br. B. and Eggs*, i. pl. 4. f. 2.

Zinanni, Uova, t. 16. f. 89.

Order II. PASSERES.

Tribe I. FISSIROSTRES.

Sub-Tribe 1. *FISSIROSTRES NOCTURNÆ.*

Fam. I. CAPRIMULGIDÆ.

i. Caprimulginæ.

1. CAPRIMULGUS.

a. Caprimulgus.

1. Caprimulgus europæus. The European Goatsucker. B.M.

Caprimulgus europæus, *Linn.*; *Hewit. Brit. Ool.* pl. 30; *Thienem. Fortpfl. Vög. Eur.* t. 12. f. 3; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier,* t. 1. f. 10, 11.
Caprimulgus punctatus, *Meyer*; *Naum. Eierw.* t. 1. f. 12; *Schinz, Eier,* t. 35. f. 1, 2.
Caprimulgus maculatus, *Brehm.*
Caprimulgus vulgaris, *Vieill.*
Nyctichelidon europæus, *Renn.*
The Night-jar, *Bew.*; *Varr.*
European Goatsucker, *Mont.*; *Lew. Br. B. & Eggs,* pl. 18. f. 5.
Nocturnal Goatsucker, *Penn.*

Günther, Eierw. t. 100. upp. fig.; *Zinanni, Uova,* t. 15. f. 84.

Sub-Tribe 2. *FISSIROSTRES DIURNÆ.*

Fam. II. HIRUNDINIDÆ.

i. Cypselinæ.

1. CYPSELUS.

a. Cypselus.

1. Cypselus melba. The White-bellied Swift. B.M.

Hirundo melba, *Linn.*
Cypselus melba, *Ill.*
Apus melba, *Cuv.*
Micropus melba, *Boie.*
Hirundo alpina, *Scop.*
Cypselus alpinus, *Temm.*; *Hewit. Brit. Ool.* pl. 161; *Thienem. Fortpfl. Vög. Eur.* t. 12. f. 1; *Naum. Eierw.* t. 3. f. 9; *Schinz, Eier*, t. 34. f. 17; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 9.
Micropus alpinus, *Meyer & Wolf.*
Cypselus alpinus, africanus, *Temm.*
Cypselus gutturalis, *Vieill.*
Hirundo gularis, *Steph.*
The White-bellied Swift, *Eyton.*
The Alpine Swift, *Yarr.*

2. Cypselus apus. The common Swift. B.M.

Hirundo apus, *Linn.*
Apus ——? *Cuv.*
Cypselus apus, *Ill.*; *Schinz, Eier*, t. 34. f. 18; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 8.
Cypselus vulgaris, *Steph.*
Micropus murarius, *Meyer & Wolf.*
Brachypus murarius, *Meyer.*
Micropus apus, *Boie.*
Cypselus murarius, *Temm.*; *Hewit. Brit. Ool.* pl. 14. f. 3; *Thienem. Fortpfl. Vög. Eur.* t. 12. f. 2; *Naum. Eierw.* t. 3. f. 10.
Cypselus caffer, *Licht.*
Cypselus niger, *Leach.*

The Swift, *Bew.*; *Lew. Br. B. & Eggs*, pl. 18. f. 4.
The Common Swift, *Selby*; *Yarr.*

Zinanni, Uova, t. 7. f. 33.

?2. ACANTHYLIS.

? a. HIRUND-APUS.

? 1. ACANTHYLIS CAUDACUTA. The Australian spine-tailed Swallow.

Acanthylis caudacuta, *G. R. Gr.*?
Hirundo caudacuta, *Lath.*?
Australian Spine-tailed Swallow, *Newm.*

ii. HIRUNDININÆ.

1. HIRUNDO.

a. HIRUNDO.

1. HIRUNDO RUSTICA. The Chimney Swallow. B.M.

Hirundo rustica, *Linn.*; *Hewit. Brit. Ool.* pl. 21; *Thienem. Fortpfl. Vög. Eur.* t. 11. f. 14; *Naum. Eierw.* t. 3. f. 8. a, b.; *Schinz, Eier*, t. 34. f. 14; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 4, 5.
Hirundo domestica, *Pall.*
Ceeropis rustica, *Boie.*
Ceeropis pagorum, *Brehm.*
The Chimney Swallow, *Bew.*; *Lew. Br. B. & Eggs*, pl. 18. f. 1.
The Swallow, *Yarr.*

Günther, Eierw. t. 15. low. fig.; *Zinanni, Uova*, t. 7. f. 35; *Klein, Ova Av.* t. 10. f. 2.

?2. PROGNE.

? Progne, *Boie, Isis* (1826), p. 971.

?1. PROGNE PURPUREA. The purple Swallow.

Hirundo purpurea, *Linn.*
Hirundo violacea, *Gmel.*

Hirundo cærulea, *Vieill.*
Hirundo subis, *Linn.*
Progne purpurea, *Boie.*
Hirundo versicolor, *Vieill.*
Hirundo ludoviciana, *Cuv.*
Hirundo (Cecropis) violacea, *Less.*
Progne purpurea, *Boie.*
American purple Martin, *Yarr.*

3. COTYLE.

1. COTYLE RIPARIA. The Sand Martin. B.M.

Cotyle riparia, *Boie.*
Hirundo riparia, *Linn.*; *Hewit. Brit. Ool.* pl. 14. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 11. f. 16; *Naum. Eierw.* t. 2. f. 11; *Schinz, Eier*, t. 34. f. 16; *Oken, Naturg. Nest. u. Eier*, t. 2. f. 7.
Cotyle fluviatilis, et Cotyle microrhynchos, *Brehm.*
Hirundo (Cotyle) riparia, *Keys. & Bl.*
The Sand Martin, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 18. f. 3.

Zinanni, Ova, t. 12. f. 35; *Klein, Ova Av.* t. 10. f. 4.

4. CHELIDON.

1. CHELIDON URBICA. The Martin Swallow. B.M.

Hirundo urbica, *Linn.*; *Hewit. Brit. Ool.* pl. 14. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 11. f. 15; *Naum. Eierw.* t. 2. f. 10; *Schinz, Eier*, t. 34. f. 15; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 6.
Chelidon urbica, *Boie.*
Hirundo lagopoda, *Pall.*
Chelidon fenestrarum, et Chelidon rupestris, *Brehm.*
Hirundo domestica, *Leach.*
Hirundo (Chelidon) urbica, *Keys. & Bl.*
The Martin, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 18. f. 2.

Günther. Eierw. t. 28. low. fig.; *Zinanni, Ova*, t. 7. f. 34.

Fam. III. CORACIIDÆ.

i. Coraciinæ.

1. CORACIAS.

1. Coracias garrula. The garrulous Roller. B.M.

Coracias garrula, *Linn.*; *Hewit. Brit. Ool.* pl. 113; *Thienem. Fortpfl. Vög. Eur.* t. 4. f. 12; *Naum. Eierw.* t. 4. f. 10; *Schinz, Eier*, t. 29. f. 1; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 29.
The Garrulous Roller, *Mont.*
The Roller, *Bew.*; *Yarr.*

Günther, Eierw. t. 14; *Zinanni, Uova*, t. 10. f. 59; *Klein, Ova Av.* t. 8. f. 1.

Fam. IV. ALCEDINIDÆ.

i. Alcedininæ.

1. ALCEDO.

a. Alcedo.

1. Alcedo ispida. The common Kingfisher. B.M.

Alcedo ispida, *Linn.*; *Hewit. Brit. Ool.* pl. 10. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 11. f. 13; *Naum. Eierw.* t. 1. f. 5; *Schinz, Eier*, t. 29. f. 3; *Graves, Or. Br.* pl. . f. 4; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 27.
Gracula Atthis, *Gmel.*
Alcedo subispida, et Alcedo advena, *Brehm.*
Common Kingfisher, *Mont.*; *Lew. Br. B. & Eggs*, pl. 9. f. 1.
The Kingfisher, *Yarr.*

Günther, Eierw. t. 56; *Zinanni, Uova*, t. 22. f. 106; *Klein, Ova Av.* t. 4. f. c.

? 2. CERYLE.

? 1. CERYLE ALCYON. The belted Kingfisher.

Alcedo alcyon, *Linn.*; *Thompson.*
Ceryle alcyon, *Boie.*
Ispida alcyon, *Swains.*

FAM. V. MEROPIDÆ.

i. MEROPINÆ.

1. MEROPS.

1. MEROPS APIASTER. The common Bee-eater. B.M.

Merops apiaster, *Linn.*; *Hewit. Brit. Ool.* pl. 10. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 11. f. 12; *Naum. Eierw.* t. 10. f. 11; *Schinz, Eier*, t. 29. f. 2.
Merops chrysocephalus, *Gmel.*
Merops schæghagha, *Forsk.*
Merops hungariæ, *Brehm.*
Bee-eater, *Mont.*; *Yarr.*
Common Bee-eater, *Penn.*

Tribe II. TENUIROSTRES.

FAM. I. UPUPIDÆ.

i. UPUPINÆ.

1. UPUPA.

1. UPUPA EPOPS. The common Hoopoe. B.M.

Upupa Epops, *Linn.*; *Hewit. Brit. Ool.* pl. 111; *Thienem. Fortpfl. Vög. Eur.* t. 11. f. 11; *Naum. Eierw.* t. 2. f. 7. *a, b*; *Schinz, Eier*, t. 31. f. 7; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 18.
Upupa bifasciata, *Brehm.*
The Hoopoe, *Bew.*; *Yarr.*
Common Hoopoe, *Mont.*

Günther, Eierw. t. 27; *Klein, Ova Av.* t. 11. f. 6.

Fam. II. CERTHIIDÆ.

i. Certhinæ.

1. CERTHIA.

1. Certhia familiaris. The common Creeper. B.M.

Certhia familiaris, *Linn.*; *Hewit. Brit. Ool.* pl. 49. f. 3; *Thienem. Fortpfl. Vög. Eur.* t. 11. f. 9, 10; *Naum. Eierw.* t. 2. f. 9; *Schinz, Eier*, t. 31. f. 3; *Graves, Ov. Br.* pl. . f. 6; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 16.

Certhia scandulaea, *Pall.*

Certhia macrodactyla, Certhia septentrionalis, Certhia brachydactyla, et Certhia megarhynchos, *Brehm.*

The Creeper, *Bew.*

Common Creeper, *Mont.*; *Yarr. Brit. B.* 2. edit. ii. p. 168, fig.; *Lew. Br. B. and Eggs*, i. pl. 9. f. 3.

Familiar Creeper, *Penn.*

Günther, Eierw. t. 11. *upp. fig.*

ii. Sittinæ.

1. SITTA.

1. Sitta europæa. The Nuthatch. B.M.

Sitta europæa, *Linn.*; *Hewit. Brit. Ool.* pl. 49. f. 1, 2; *Thienem. Fortpfl. Vög. Eur.* t. 11. f. 8?; *Schinz, Eier*, t. 31. f. 4?; *Graves, Ov. Br.* pl. . f. 5.

Sitta cæsia, *Meyer*; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 19.

Sitta pinetorum, Sitta foliorum, Sitta septentrionalis, et Sitta advena, *Brehm.*

Sitta affinis, *Blyth.*

Nuthatch, *Bew.*; *Yarr.*

European Nuthatch, *Mont.*; *Lew, Br. B. and Eggs*, i. pl. 9. f. 2.

Günther, Eierw. t. 64; *Zinanni, Uova*, t. 12. f. 65; *Klein, Ova Av.* t. 4. f. 6.

iii. Menurinæ.

1. TROGLODYTES.

a. Troglodytes.

1. Troglodytes parvulus. The Common Wren. B.M.

Motacilla troglodytes, *Linn.*; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 24.
Sylvia troglodytes, *Lath.*; *Schinz, Nester u. Eier*, t. 7; *Naum. Eierw.* t. 4. f. 14; *Graves, Ov. Br.* pl. . f. 5; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 5.
Troglodytes parvulus, *Koch*; *Thienem. Fortpfl. Vög. Eur.* t. 7. f. 17.
Troglodytes europæus, *Cuv.*; *Hewit. Brit. Ool.* pl. 154.
Troglodytes vulgaris, *Flem.*
Troglodytes regulus, *Meyer*; *Schinz, Eier*, t. 33. f. 5.
Troglodytes troglodytes (*Cuv.*), *Schleg.*
Troglodytes punctatus (*Koch*), *Boie.*
Troglodytes domesticus et Troglodytes sylvestris, *Brehm.*
Anorthura communis, *Renn.*
Anorthura troglodytes, *Macgill.*
The Wren, *Bew.*; *Yarr. Brit. B.* 2 edit. ii. p. 174; *Renn. Bird-Arch.* p. 241; *Lew. Br. B. and Eggs*, pl. 16. f. 8; *Hewit. Eggs Brit. B.* pl. 53. f. 3.
Common Wren, *Mont.*
Brown Wren, *Bolt. Harm. rur.* pl. 68.
Günther, Eierw. t. 2; *Klein, Ova Av.* t. 10. f. 13.

Tribe III. DENTIROSTRES.

Fam. I. LUSCINIDÆ.

i. Luscininæ.

1. CALAMODYTA.

a. Acrocephalus.

? 1. Calamodyta arundinacea. The Reed Thrush. B

Sylvia turdoïdes, *Meyer*; *Schinz, Nester u. Eier*, t. 25 *fevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 1
Turdus arundinaceus, *Gmel.*; *Thienem. Fortpfl. Vö* t. 6. f. 2; *Naum. Eierw.* t. 5. f. 12.

c

Acrocephalus lacustris, *Naum.*
Salicaria turdina, *Schleg.*
Thrush Nightingale, *Hancock.*

b. Locustella.

2. Calamodyta locustella. The Grasshopper Warbler.

Calamodyta locustella, *G. R. Gr.*
Sylvia locustella, *Lath.*; *Thienem. Fortpfl. Vög. Eur.* t. 6. f. 5; *Naum. Eierw.* t. 10. f. 16 *a*, *b*; *Schinz, Nester u. Eier*, t. 18. t. 32. f. 23; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 22.
Motacilla nævia, *Bodd.*
Curruca locustella, *Steph.*
Locustella avicula, *Ray.*
Locustella ——, *Kaup.*
Locustella Rayii, *Gould*; *Pr. Bonap.*
Acrocephalus fluviatilis, *Naum.*
Calamoherpe locustella, *Boie.*
Calamoherpe tenuirostris, *Brehm.*
Sibilatrix locustella, *Macgill.*
Salicaria locustella, *Selby*; *Hewit. Brit. Ool.* pl. 70. f. 3.
Muscipeta locustella et Muscipeta olivacea, *Koch.*
Grasshopper Lark, *Penn.*
Grasshopper Warbler, *Penn.*; *Yarr.*; *Bolt. Harm. rur.* pl. 74; *Hewit. Eggs Brit. B.* pl. 25. f. 1.

c. Calamodus.

3. Calamodyta phragmitis. The Sedge Warbler. B.M.

Calamodyta phragmitis, *Pr. Bonap.*
Sylvia phragmitis, *Bechst.*; *Thienem. Fortpfl. Vög. Eur.* t. 6. f. 8; *Schinz, Nester u. Eier*, t. 3. t. 32. f. 21; *Naum. Eierw.* t. 5. f. 15 *a*, *b*, *c*; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 25.
Motacilla schænobænus, *Linn.*
Motacilla salicaria, *Linn.*
Sylvia salicaria, *Lath.*
Curruca salicaria, *Steph.*
Calamoherpe phragmitis, *Boie.*
Calamoherpe tritici et Calamoherpe schænobænus, *Brehm.*
Curruca phragmitis, *Swains.*
Calamodus phragmitis, *Kaup.*
Calamoherpe subphragmitis, *Brehm.*

Acrocephalus phragmitis, *Naum.*
Muscipeta phragmitis, *Koch.*
Salicaria phragmitis, *Selby*; *Hewit. Brit. Ool.* pl. 70. f. 2.
Reed Fauvette, *Bew.*
Sedge Warbler, *Mont.*; *Yarr.*; *Lew. Br. B. and Eggs*, pl. 16. f. 1; *Hewit. Eggs Brit. B.* pl. 25. f. 2.
Willow Lark, *Bolt. Harm. rur.* pl. 70.

Klein, Ova Av. t. 10. f. 10.

? d. Potamodus.

? 4. Calamodyta Cetti. Cetti's Warbler.

Sylvia Cetti, *Marm.*; *Schinz, Nester u. Eier*, t. 19. t. 32. f. 26; *Lefevre, Ool. Eur.* t. .
Sylvia sericea, *Natt.*
Calamoherpe Cetti, *Boie.*
Potamodus Cetti, *Kaup.*
Calamodyta Cetti, *G. R. Gr.*
Curruca Cetti, *Steph.*
Cettia altisonans et Cettia sericea, *Pr. Bonap.*
Salicaria Cettii, *Keys. & Bl.*
Sylvia platura et Sylvia fulvescens, *Vieill.*

e. Pseudo-luscinia.

5. Calamodyta luscinoides. Savi's Warbler.

Sylvia luscinoides, *Sari.*
Salicaria luscinoides, *Keys. & Bl.*
Calamodyta luscinoides, *G. R. Gr.*
Pseudo-luscinia Savii, *Pr. Bonap.*
Savi's Warbler, *Lubb.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 25*.

f. Calamoherpe.

6. Calamodyta strepera. The Reed Wren. R

Sylvia arundinacea, *Lath.*; *Thienem. Fortpfl. Vög. Eur* f. 9; *Naum. Eierw.* t. 8. f. 11 *a*, *b*; *Schinz, Ne* *Eier*, t. 2. t. 32. f. 18; *Oken, Naturg. Nest. u. Ei* f. 28, 30; *Lefevre, Ool. Eur.* t. .

Motacilla arundinacea, *Gmel.*
Sylvia strepera, *Vieill.*
Sylvia palustris, *Bechst.*
Calamodyta strepera, *G. R. Gr.*
Curruca arundinacea, *Steph.*
Calamoherpe arundinaceus, *Boie.*
Calamoherpe arbustorum, *Boie.*
Calamoherpe alnorum, *Brehm.*
Salicaria arundinacea, *Selby*; *Hewit. Brit. Ool.* pl. 70. f. 1.
Acrocephalus arundinaceus, *Naum.*
Muscipeta arundinacea, *Koch.*
Reed Wren, *Mont.*; *Yarr. Brit. B.* 2 edit. i. p. 299, fig.; *Lew. Br. B. and Eggs*, pl. 17 f. 1.
Reed Warbler, *Bolt. Harm. rur.* pl. 72; *Renn. Bird-Arch.* p. 177, 178??; *Hewit. Eggs of Brit. B.* pl. 25. f. 3.

Günther, Eierw. t. 12; *Zinanni, Uova*, t. 8. f. 42; *Klein, Ova Av.* t. 10. f. 5.

2. LUSCINIA.

1. LUSCINIA PHILOMELA. The Nightingale. B.M.

Motacilla luscinia, *Linn.*; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. .
Sylvia luscinia, *Lath.*; *Thienem. Fortpfl. Vög. Eur.* t. 6. f. 11; *Naum. Eierw.* t. 1. f. 10; *Schinz, Nester u. Eier*, t. 8. t. 32. f. 5; *Leferre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 15.
Curruca luscinia, *Koch.*
Philomela luscinia, *Eyton*; *Hewit. Brit. Ool.* pl. 90. f. 1, 2.
Luscinia philomela, *Pr. Bonap.*
Luscinia megarhynchos, Luscinia media, Luscinia Okenii, et Luscinia peregrina, *Brehm.*
Lusciola luscinia, *Keys. & Bl.*
The Nightingale, *Bew.*; *Lew. Br. B. and Eggs*, pl. 15. f. 4; *Bolt. Harm. rur.* pl. 52; *Yarr. Brit. B.* 2 edit. i. p. 306, fig.; *Hewit. Eggs Brit. B.* pl. 26.

Günther, Eierw. t. 65.

3. SYLVIA.

a. MELIZOPHILUS.

[redacted]LVIA UNDATA. The Dartford Warbler. B.M.

[redacted]otacilla undata, *Bodd.*
[redacted]otacilla provincialis, *Gmel.*

Sylvia dartfordiensis, *Lath.*
Sylvia ferruginea, *Vieill.*
Sylvia undata, *G. R. Gr.*
Melizophilus provincialis, *Jenyns*; *Hewit. Brit. Ool.* pl. 147.
Curruca provincialis, *Boie.*
Melizophilus dartfordiensis, *Leach.*
Sylvia provincialis, *Keys. & Bl.*; *Schinz, Nester u. Eier*, t. 16. t. 32. f. 12.
Thamnodus provincialis, *Kaup.*
Dartford Warbler, *Bew.*; *Yarr.*; *Hewit. Eggs Br. B.* pl. 29.

b. Sylvia.

2. Sylvia curruca. The Lesser Whitethroat. B.M.

Motacilla curruca, *Gmel.*?
Sylvia curruca, *Lath.*; *Thienem. Fortpfl. Vög. Eur.* t. 7. f. 4; *Naum. Eierw.* t. 9. f. 14; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 12.
Motacilla garrula, *Retz.*
Sylvia garrula, *Bechst.*; *Schinz, Eier*, t. 32. f. 11.
Sylvia leucopogon, *Heckel.*
Motacilla sylvia, *Pall.*
Curruca garrula, *Koch.*
Sylvia sylviella, *Lath.*
Curruca sylviella, *Flem.*; *Hewit. Brit. Ool.* pl. 42. f. 4.
Curruca dumetorum et Curruca molaria, *Brehm.*
Motacilla dumetorum, *Gmel.*?
Sylvia dumetorum, *Lath.*?
Lesser Whitethroat, *Mont.*; *Yarr.*; *Lew. Br. B. and Eggs*, pl. 17. f. 2; *Hewit. Eggs Br. B.* pl. 27. f. 6.
Lesser Whitethroat Warbler, *Lath. Gen. Syn. Suppl.* pl. 113, id. *Hist. of B.* vii. pl. 105.

Günther, Eierw. t. 15. upp. fig., t. 26. low. fig.; *Klein, Ova Av.* t. 10. f. 6.

c. Straparola.

3. Sylvia cinerea. The Whitethroat Warbler. B.M.

Motacilla sylvia, *Linn.*; *Müll. Sing-Vög. Teutschl. Nest. u. Eier*, t. 4; *Donov. Brit. B.* pl. 86?
Sylvia cinerea, *Lath.*; *Thienem. Fortpfl. Vög. Eur.* t. 7. f. 3; *Naum. Eierw.* t. 6. f. 15; *Schinz, Eier*, t. 32. f. 10; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 11.

Sylvia fruticeti et Sylvia cineraria, *Bechst.*
Curruca cinerea, *Koch*; *Hewit. Brit. Ool.* pl. 116.
Curruca sylvia, *Steph.*
Curruca cineraria, Curruca fruticeti, et Curruca caniceps, *Brehm.*
The Whitethroat, *Bew.*; *Lew. Br. B. and Eggs*, pl. 15. f. 8; *Bolt. Harm. rur.* pl. 80; *Hewit. Eggs Br. B.* pl. 27. f. 5, 6.
The Common Whitethroat, *Yarr. Brit. B.* 2 edit. i. p. 319. fig.

d. Monachus.

4. Sylvia atricapilla. The Black-cap Warbler. B.M.

Motacilla atricapilla, *Linn.*; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 2.
Sylvia atricapilla, *Lath.*; *Thienem. Fortpfl. Vög. Eur.* t. 6. f. 15; *Schinz, Nester u. Eier*, t. 11. t. 32. f. 7; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 14, 20.
Sylvia ruficapilla, *Sandb.*
Curruca atricapilla, *Koch*; *Hewit. Brit. Ool.* pl. 42. f. 3.
Curruca nigricapilla et Curruca pileata, *Brehm.*
Monachus atricapillus, *Kaup.*
Philomela atricapilla, *Swains.*
The Black-cap. *Bew.*; *Bolt. Harm. rur.* pl. 58; *Hewit. Eggs Brit. B.* pl. 27. f. 1, 2.
Black-cap Warbler, *Penn.*; *Yarr.*; *Lew. Br. B. and Eggs*, pl. 17. f. 3.

Günther, Eierw. t. 68; *Zinanni, Uova*, t. 8. f. 45; *Klein. Ova Av.* t. 10. f. 17.

e. Epilais.

5. Sylvia hortensis. The Garden Warbler. B.M.

Motacilla borin, *Bodd.*
Motacilla hortensis, *Gmel.*; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 3.
Sylvia hortensis, *Lath.*; *Thienem. Fortpfl. Vög. Eur.* t. 7. f. 2; *Naum. Eierw.* t. 6. f. 14 *a*, *b*; *Schinz, Nester u. Eier*, t. 27. t. 32. f. 8; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 10.
Curruca hortensis, *Koch*; *Hewit. Brit. Ool.* pl. 42. f. 1, 2.
Sylvia aedonia, *Vieill.*
Curruca brachyrhyncha et Curruca grisea, *Brehm*
Epilais hortensis, *Kaup.*

Adornis hortensis, *G. R. Gr.*
The Lesser Fauvette, Passerine Warbler, *Bew.*
The Fauvette, Pettichaps, *Bew.*
Greater Pettichaps, *Mont.*
The Garden Warbler, *Yarr.*; *Hewit. Eggs Br. B.* pl. 27. f. 3.

?6. SYLVIA ORPHEA. B.M.

Sylvia orphea, *Temm.*?; *Thienem. Fortpfl. Vög. Eur.* t. 6. f. 13; *Schinz, Nester u. Eier*, t. 9. t. 32. f. 9; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 13; *Milner.*
? Sylvia grisea, *Vieill.*

f. PHYLLOSCOPUS.

7. SYLVIA RUFA. The Chiff-chaff. B.M.

Sylvia rufa, *Naum. Eierw.* t. 2. f. 14; *Schinz, Nester u. Eier*, t. 23?. t. 32. f. 73?; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 6?
Sylvia hippolais, *Penn.*; *Hewit. Brit. Ool.* pl. 118. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 7. f. 14.
Regulus hippolais, *Flem.*
Phyllopneuste rufa, *Pr. Bonap.*
Ficedula rufa, *Koch.*
Phylloscopus rufus, *Kaup.*
Regulus hippolais, *Cuv.*
Sylvia collybita, *Vieill.*
Phyllopneuste hippolais, *Macgill.*
Sylvia abietina, *Nils.*
Sylvicola rufa, *Eyton.*
Least Willow Wren, *Bew.*
Lesser Pettichaps, *Mont.*; *Lew. Br. B. and Eggs*, pl. 15. f. 5.
The Chiff-chaff, *Yarr. Brit. B.* 2 edit. i. p. 339, fig.; *Hewit. Eggs Brit. B.* pl. 28. f. 2.
Pettichaps, *Bolt. Harm. rur.* pl. 62.

?8. SYLVIA HIPPOLAIS. The Lesser Pettichaps. B.M.

Motacilla hippolais, *Linn.*; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 5.
Sylvia hippolais, *Lath.*; *Thienem. Fortpfl. Vog. Eur.* t. 7. f. 11; *Temm.* (not *Penn.*); *Schinz, Nest. u. Eier*, t. 5. t. 32. f. 17; *Naum. Eierw.* t. 9. f. 15; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 9; *Lefevre, Ool. Eur.* t. .
Melodious Willow Wren, *Plomley.*
Günther, Eierw. t. 52.

9. SYLVIA TROCHILUS. The Willow Warbler. B.M.

Motacilla trochilus. *Linn.*; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 23.
Sylvia trochilus, *Lath.*; *Hewit. Brit. Ool.* pl. 115; *Thienem. Fortpfl. Vög. Eur.* t. 7. f. 13.
Motacilla acredula, *Linn.*
Sylvia fitis, *Bechst.*; *Schinz, Nester u. Eier*, t. 24. t. 32. f. 14; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 7; *Naum. Eierw.* t. 2. f. 13.
Regulus trochilus, *Cuv.*
Phyllopneuste trochilus et Phyllopneuste acredula, *Brehm.*
Ficedula trochilus, *Keys. & Bl.*
Sylvia flaviventris, *Vieill.*
Ficedula fitis, *Koch.*
Phyllopneuste fitis et Phyllopneuste arborea, *Brehm.*
Phylloscopus trochilus, *Boie.*
Sylvicola trochilus, *Eyton.*
The Willow Wren, *Bew.*; *Hewit. Eggs Brit. B.* pl. 28. f. 3, 4.
Yellow Wren, *Mont.*; *Lew. Br. B. and Eggs*, pl. 6. f. 6.
The Willow Warbler, *Yarr. Brit. B.* 2 edit. i. p. 334, fig.
Green Wren, *Bolt. Harm. rur.* pl. 64.
Hay Bird, *Renn. Bird-Arch.* p. 247?

g. SIBILATRIX.

10. SYLVIA SIBILATRIX. The Wood Warbler. B.M.

Sylvia sibilatrix, *Bechst.*; *Hewit. Brit. Ool.* pl. 118. f. 2, 3; *Thienem. Fortpfl. Vög. Eur.* t. 7. f. 12; *Naum. Eier*, t. 2. f. 15; *Schinz, Eier*, t. 32. f. 15; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 8.
Sylvia sylvicola, *Lath.*
Ficedula sibilatrix, *Koch.*
Curruca sibilatrix, *Flem.*
Phyllopneuste sibilatrix, *Boie.*
Phyllopneuste megarhynchos et Phyllopneuste sylvicola. *Brehm.*
Sibilatrix ——, *Kaup.*
Regulus? sylvicolus, *Steph.*
Sylvicola sibilatrix, *Eyton.*
The Yellow Willow Wren, *Bew.*; *Hewit. Eggs Brit. B* pl. 28. f. 1.
Wood Wren, *Mont.*
The Wood Warbler, *Yarr.*

4. REGULUS.

a. Regulus.

1. Regulus cristatus. The Golden-crested Regulus. B.M.

Motacilla regulus, *Linn.*
Sylvia regulus, *Lath.*; *Schinz, Nester u. Eier*, t. 4. t. 33. f. 4; *Graves, Ov. Br.* pl. . f. 6; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 1.
Regulus cristatus, *Koch.*
Regulus auricapillus, *Selby*; *Hewit. Brit. Ool.* pl. 87. f. 1.
Regulus flavicapillus, *Naum.*; *Thienem. Fortpfl. Vög. Eur.* t. 7. f. 15.
Regulus vulgaris, *Leach.*
Regulus septentrionalis, Regulus crococephalus, et Regulus chrysocephalus, *Brehm.*
The Golden-crested Wren, *Bew.*; *Lew. Br. B. and Eggs*, pl. 16. f. 7; *Renn. Bird-Arch.* p. 249; *Hewit. Eggs Brit. B.* pl. 30. f. 1, 2.
Golden-crested Regulus, *Selby*; *Yarr. Brit. B.* 2 edit. i. p. 350, fig.
Golden-crowned Wren, *Bolt. Harm. rur.* pl. 66.

2. Regulus ignicapillus. The Fire-crested Regulus. B.M.

Sylvia ignicapillus, *Brehm*; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 4; *Temm.*
Regulus pyrocephalus, *Brehm*
Regulus ignicapillus, *Naum.*; *Hewit. Brit. Ool.* pl. 87. f. 3; *Thienem. Fortpfl. Vög. Eur.* t. 7. f. 16; *Schinz. Eier*, t. 34. f. 5.
Regulus Nilsonii et Regulus brachyrhynchus, *Brehm.*
The Fire-crested Wren, *Eyton*; *Hewit. Eggs Brit. B.* pl. 30. f. 3.
The Fire-crested Regulus, *Yarr.*

b. Reguloïdes.

3. Regulus proregulus. The Dalmatian Regulus.

Regulus modestus, *Gould.*
Motacilla proregulus, *Pall.*
Regulus proregulus, *Keys. & Bl.*
Phylloscopus modestus, *Blyth.*
Dalmatian Regulus, *Yarr.*

ii. Erythacinæ.

1. SAXICOLA.

a. Saxicola.

1. Saxicola œnanthe. The Wheatear. B.M.

Motacilla œnanthe, *Linn.*
Sylvia œnanthe, *Lath.*; *Graves, Or. Br.* pl. . f. 1.
Motacilla vitiflora, *Pall.*
Saxicola œnanthe, *Bechst.*; *Hewit. Brit. Ool.* pl. 22. f. 4; *Thienem. Fortpfl. Vög. Eur.* t. 7. f. 18; *Naum. Eierw.* t. 4. f. 16; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 35.
Vitiflora œnanthe, *Leach.*
Vitiflora septentrionalis, Vitiflora grisea, et Vitiflora cinerea, *Brehm.*
The White-rump, *Bew.*
Wheatear, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 16. f. 5; *Bolt. Harm. rur.* pl. 76; *Hewit. Eggs Brit. B.* pl. 24. f. 3.

Günther, Eierw. t. 26. upp. fig.; *Zinanni, Uova*, t. 6. f. 24.

2. PRATINCOLA.

1. Pratincola rubetra. The Whinchat. B.M.

Motacilla rubetra, *Linn.*; *Donov. Brit. B.* pl. 60.
Sylvia rubetra, *Lath.*; *Graves, Or. Br.* pl. . f. 4; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 37.
Curruca rubetra, *Leach.*
Saxicola rubetra, *Bechst.*; *Hewit. Brit. Ool.* pl. 22. f. 2, 3; *Thienem. Fortpfl. Vög. Eur.* t. 7. f. 20; *Naum. Eierw.* t. 5. f. 13; *Schinz, Eier*, t. 33. f 9.; *Lefevre, Ool. Eur.* t. .
Rubetra major, *G. R. Gr.*
Pratincola rubetra, *Koch.*
Saxicola pratorum, Saxicola septentrionalis, et Saxicola crampes, *Brehm.*
Fruticicola rubetra, *Macgill.*
Saxicola (Pratincola) rubetra, *Keys. & Bl.*
The Whinchat, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 16. f. 4; *Bolt. Harm. rur.* pl. 78; *Hewit. Eggs Brit. B.* pl. 24. f. 2.

Günther, Eierw. t. 95; *Klein, Ova Av.* t. 10. f. 9.

2. PRATINCOLA RUBICOLA. The Stonechat. B.M.

Motacilla rubicola, *Linn.*
Sylvia rubicola, *Lath.*; *Graves, Ov. Br.* pl. f. 3; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 38.
Curruca rubicola, *Leach.*
Saxicola rubicola, *Bechst.*; *Hewit. Brit. Ool.* pl. 22. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 8. f. 1; *Schinz, Eier*, t. 33. f. 10.
Pratincola rubicola, *Koch.*
Saxicola fruticeti, Saxicola media, et Saxicola tytis, *Brehm.*
Fruticicola rubicola, *Macgill.*
Saxicola (Pratincola) rubicola, *Keys. & Bl.*
The Stonechat, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 16. f. 3; *Hewit. Eggs Brit. B.* pl. 24. f. 1.

Günther, Eierw. t. 98. low. fig.; *Zinanni, Uova*, t. 7. f. 40; *Klein, Ova Av.* t. 10. f. 14.

3. RUTICILLA.

1. RUTICILLA PHÆNICURA. The Redstart. B.M.

Motacilla phœnicurus, *Linn.*; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 20.
Sylvia phœnicurus, *Lath.*; *Thienem. Fortpfl. Vög. Eur.* t. 7. f. 9; *Naum. Eierw.* t. 3. f. 13; *Schinz, Nester u. Eier*, t. 14. t. 33. f. 1; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 18.
Saxicola phœnicurus, *Koch.*
Phœnicura ruticilla, *Swains.*; *Hewit. Brit. Ool.* pl. 110. f. 1.
Ruticilla sylvestris, Ruticilla arborea, et Ruticilla hortensis, *Brehm.*
Ruticilla phœnicura, *Pr. Bonap.*
Lusciola (Ruticilla) phœnicurus, *Keys. & Bl.*
Ficedula phœnicurus, *Boie.*
Phœnicura muraria, *Swains.*
Phœnicura albifrons, *Bl.?*
Ficedula rutacilla, *Eyton.*
Lusciola phœnicura, *Schleg.*
The Redstart, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 15. f. 7; *Bolt. Harm. rur.* pl. 54; *Hewit. Eggs Brit. B.* pl. 23. f. 2.

Zinanni, Uova, t. 8. f. 41.

2. RUTICILLA TITHYS. The Black Redtail. B.M.

Sylvia tithys, *Scop.*; *Thienem. Fortpfl. Vög. Eur.* t. 7. f. 10;

Naum. Eierw. t. 3. f. 12; *Schinz, Nester u. Eier*, t. 15. t. 33. f. 2.

? Motacilla erythacus, *Linn.*

Sylvia erythacus, *Oken, Naturg. Nest. u. Eier*, t. 1. f. 17.

? Motacilla gibraltariensis, *Gmel.*

Saxicola tithys, *Koch.*

Ruticilla tithys, Ruticilla atra, et Ruticilla gibraltariensis, *Brehm.*

Phœnicura tithys, *Jard. & Selby*; *Hewit. Brit. Ool.* pl. 110. f. 2.

Ficedula tithys, *Boie.*

Lusciola tithys, *Schleg.*

Lusciola (Ruticilla) tithys, *Keys. & Bl.*

The Black Redstart, *Eyton*; *Yarr. Brit. B.* 2 edit. i. p. 267, fig.; *Hewit. Eggs Brit. B.* pl. 23. f. 3.

Günther, Eierw. t. 30. low. fig.

4. ERYTHACUS.

1. ERYTHACUS RUBECULA. The Red-breast. B.M.

Motacilla rubecula, *Linn.*; *Müll. Sing-Vög. Teutsch. Nest. u. Eiern*, t. 21.

Sylvia rubecula, *Lath.*; *Thienem. Fortpfl. Vög. Eur.* t. 7. f. 6; *Naum. Eierw.* t. 1. f. 9; *Schinz, Nester u. Eier.* t. 13. t. 32. f. 25; *Graves, Ov. Br.* pl. . f. 2; *Oken, Naturg Nest. u. Eier*, t. 1. f. 2; *Lefevre, Ool. Eur.* t. .

Erythacus rubecula, *Macgill.*; *Hewit. Brit. Ool.* pl. 90. f. 3, 4.

Dandalus pinetorum, Dandalus foliorum, et Dandalus septentrionalis, *Brehm.*

Dandalus rubecula, *Boie.*

Ficedula rubecula, *Boie.*

Erythaca rubecula, *Swains.*

Lusciola (Erythacus) rubecula, *Keys. & Bl.*

Lusciola rubecula, *Schleg.*

Curruca rubecula, *Leach.*

The Redbreast, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 16. f. 2; *Bolt. Harm. rur.* pl. 56; *Renn. Bird-Arch.* p. 64.

Robin Redbreast, *Hewit. Eggs Br. B.* pl. 22.

Günther, Eierw. t. 3. low. fig.; *Zinanni, Uova*, t. 6. f. 32; *Klein, Ova Av.* t. 10. f. 16.

5. CYANECULA.

1. CYANECULA SUECICA. The Blue-throated Warbler. B.M.

Motacilla suecica, *Linn.*

Sylvia suecica, *Lath.*; *Thienem. Fortpfl. Vög. Eur.* t. 7. f. 7; *Schinz, Nester u. Eier*, t. 12.
Phœnicura suecica, *Swains.*; *Hewit. Brit. Ool.* pl. 110. f. 3.
Saxicola suecica, *Koch.*
Ficedula suecica, *Boie.*
Sylvia cyanecula, *Meyer & Wolf*; *Schinz, Eier*, t. 33. f. 3.
Cyanecula suecica, Cyanecula Wolfii, Cyanecula obscura, Cyanecula leucocyanea, et Cyanecula orientalis, ? *Brehm.*
Ruticilla cyanecula, *Macgill.*
Lusciola (Cyanecula) suecica, *Keys. & Bl.*
Lusciola cyanecula, *Schleg.*
The Blue-throated Redstart, *Eyton.*
The Blue-throated Warbler, *Yarr. Brit. B.* 2 edit. i. p. 258, fig.; *Hewit. Eggs Brit. B.* pl. 23. f. 1.
Günther, Eierw. t. 74.

iii. Accentorinæ.

1. ACCENTOR.

a. Accentor.

1. Accentor alpinus. The Alpine Accentor.

Motacilla alpina, Sturnus moritanus, et Sturnus collaris, *Gmel.*
Accentor alpinus, *Bechst.*; *Hewit. Brit. Ool.* pl. 105. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 8. f. 2; *Schinz, Nester u. Eier*, t. 21. t. 33. f. 6; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 47.
Alpine Accentor, *Eyton*; *Yarr. Brit. B.* 2 edit. i. p. 242, fig.: *Hewit. Eggs Brit. B.* pl. 21. f. 1.

b. Tharrhaleus.

2. Accentor modularis. The Hedge Accentor. B.M.

Motacilla modularis, *Linn.*; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 22.
Sylvia modularis, *Lath.*; *Schinz, Nester u. Eier*, t. 6. t. 33. f. 7.
Accentor modularis, *Bechst.*; *Hewit. Brit. Ool.* pl. 105. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 8. f. 3; *Naum. Eierw.* t. 8. f. 10; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest u. Eier*, t. 1. f. 48.

Accentor pietorum, *Brehm.*
Tharrhaleus modularis, *Kaup.*
Curruca Eliotæ, *Leach.*
The Winter Fauvette, *Bew.*
Hedge Warbler, *Mont.*; *Lew. Br. B. & Eggs*, pl. 15. f. 6.
Hedge Sparrow Warbler, *Penn.*
Hedge Accentor, *Selby*; *Yarr.*; *Hewit. Eggs Br. B.* pl. 21. f. 2.
Hedge Sparrow, *Bolt. Harm. rur.* pl. 60; *Renn. Bird-Arch.* p. 291.

Günther, Eierw. t. 1. low. fig.; *Zinanni, Uova*, t. 6. f. 30.

iv. Parinæ.

1. PARUS.

a. Parus.

1. Parus major. The Great Titmouse. B.M.

Parus major, *Linn.*; *Hewit. Brit. Ool.* pl. 81. f. 1, 2; *Thienem. Fortpfl. Vög. Eur.* t. 9. f. 1; *Naum. Eierw.* t. 4. f. 15; *Schinz, Eier*, t. 34. f. 6; *Graves, Ov. Br.* pl. . f. 1; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 30.
Parus robustus, *Brehm.*
Parus fringillago, *Pall.*
The Greater Titmouse, *Bew.*; *Lew. Br. B. & Eggs*, pl. 17. f. 4.
Great Titmouse, *Mont.*; *Hewit. Eggs Brit. B.* pl. 31. f. 1.
The Great Tit, *Yarr.*

Günther, Eierw. t. 9. low. fig.

2. Parus cæruleus. The Blue Titmouse. B.M.

Parus cæruleus, *Linn.*; *Hewit. Brit. Ool.* pl. 76. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 9. f. 2; *Naum. Eierw.* t. 1. f. 6; *Schinz, Eier*, t. 34. f. 9; *Graves, Ov. Br.* pl. . f. 5; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 32.
Parus cæruleseens, *Brehm.*
Cyanistes cæruleus, *Kaup.*
The Blue Titmouse, *Bew.*; *Lew. Br. B. & Eggs*, pl. 17. f. 6; *Hewit. Eggs Brit. B.* pl. 31. f. 2.
The Blue Tit, *Yarr.*

Günther, Eierw. t. 66; *Zinanni, Uova*, t. 11. f. 68; *Klein, Ova Av.* t. 4. f. 10.

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b. Pœcile.

3. Parus ater. The Cole Titmouse. B.M.

Parus ater, *Linn.*; *Hewit. Brit. Ool.* pl. 81. f. 3; *Thienem. Fortpfl. Vög. Eur.* t. 9. f. 3; *Naum. Eierw.* t. 3. f. 15; *Schinz, Eier*, t. 34. f. 7; *Graves, Ov. Br.* pl. . f. 4; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 31.
Parus abietum, *Brehm.*
Parus carbonarius, *Pall.*
Pœcile ater, *Kaup.*
The Cole Titmouse, *Bew.*; *Hewit. Eggs Brit. B.* pl. 31. f. 4.
The Cole Tit, *Yarr.*
The Colemouse, *Lew. Br. B. & Eggs*, pl. 17. f. 5.
Günther, Eierw. t. 30; *Zinanni, Uova*, t. 11. f. 67.

4. Parus palustris. The Marsh Titmouse. B.M.

Parus palustris, *Linn.*; *Hewit. Brit. Ool.* pl. 76. f. 2; *Naum. Eierw.* t. 1. f. 7; *Schinz, Eier*, t. 34. f. 11; *Graves, Ov. Br.* pl. . f. 4; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 34.
Parus atricapillus, *Gmel.*
Parus salicarius, *Brehm.*
Pœcile palustris, *Kaup.*
The Marsh Titmouse, *Bew.*; *Lew. Br. B. & Eggs*, pl. 17 f. 6; *Hewit. Eggs Brit. B.* pl. 32. f. 1.
The Marsh Tit, *Yarr.*
Günther, Eierw. t. 13. upp. fig.; *Zinanni, Uova*, t. 11. f. 68.

c. Lophophanes.

5. Parus cristatus. The Crested Titmouse.

Parus cristatus, *Linn.*; *Hewit. Brit. Ool.* pl. 133; *Thienem. Fortpfl. Vög. Eur.* t. 9. f. 4; *Naum. Eierw.* t. 3. f. 14; *Schinz, Eier*, t. 34. f. 8; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 33.
Parus mitratus, *Brehm.*
Lophophanes cristatus, *Kaup.*
Crested Titmouse, *Mont.*; *Hewit. Eggs Brit. B.* pl. 31. f. 3.
The Crested Tit, *Yarr.*
Günther, Eierw. t. 5. upp. fig.

d. Orites.

6. Parus caudatus. The Long-tailed Titmouse. B.M.

Parus caudatus, *Linn.*; *Hewit. Brit. Ool.* pl. 76. f. 3; *Naum. Eierw.* t. 1. f. 8; *Schinz, Nester u. Eier*, t. 31. t. 34. f. 10; *Graves, Ov. Br.* pl. . f. 3; *Donov. Brit. B.* pl. 16; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 35.
Lanius caudatus et Lanius biarmicus, *Linn.*
Parus longicaudatus, *Briss.*
Orites caudata, *Mœhring.*
Mecistura vagans, *Leach.*
Acredula caudata, *Koch.*
Mecistura caudata, *Pr. Bonap.*
Parus (Mecistura) caudata, *Keys. & Bl.*
Paroides caudatus et Paroides longicaudus, *Brehm.*
Egithalus caudatus, *Boie.*
Mecistura longicaudata, *Macgill.*
Mecistura rosea, *Bl.*?
The Long-tailed Titmouse, *Bew.*; *Renn. Bird-Arch.* p. 260; *Hewit. Eggs Brit. B.* pl. 32. f. 2.
The Long-tailed Tit, *Yarr. Brit. B.* 2 edit. ii. p. 380, fig.; *Lew. Br. B. & Eggs*, pl. 17. f. 8.
Günther, Eierw. t. 21; *Zinanni, Uova*, t. 11. f. 69; *Klein, Ova Av.* t. 4. f. 7.

2. PAROIDES.

a. Panurus.

1. Paroides biarmicus. The Bearded Titmouse. B.M.

Parus biarmicus, *Linn.*; *Hewit. Brit. Ool.* pl. 81. f. 4; *Thienem. Fortpfl. Vög. Eur.* t. 9. f. 7; *Schinz, Nester u. Eier*, t. 32. t. 34. f. 13; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 36.
Paroides biarmicus, *G. R. Gr.*
Lanius biarmicus, *Brün.*
Parus barbatus, *Briss.*
Parus russicus, *Gmel.*
Panurus biarmicus, *Koch.*
Mystacinus biarmicus, *Boie.*
Egythalus biarmicus, *Boie.*
Calamophilus biarmicus, *Leach.*
Calamophilus barbatus, *Keys. & Bl.*

Mystacinus russicus, Mystacinus arundinaceus, et Mystacinus dentatus, *Brehm.*
The Bearded Titmouse, *Bew.*; *Hewit. Eggs Brit. B.* pl. 32. f. 3.
The Bearded Tit, *Yarr.*

v. Motacillinæ.

1. MOTACILLA.

a. Motacilla.

1. Motacilla alba. The White Wagtail. B.M.

Motacilla alba, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 8. f. 4; *Naum. Eierw.* t. 6. f. 13 *a*, *b*; *Schinz, Eier*, t. 32. f. 1; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 40.
Motacilla cinerea, *Linn*
Motacilla albeola, *Pall.*
Motacilla septentrionalis, Motacilla sylvestris, et Motacilla brachyrhynchos, *Brehm.*
Motacilla albida, *Gmel.*
Motacilla Brissoni, *Macgill.*
The White Wagtail, *Yarr.*

Günther, Eierw. t. 1. upp. fig.; *Zinanni, Uova*, t. 7. f. 38; *Klein, Ova Av.* t. 10. f. 19.

2. Motacilla Yarrellii. The Pied Wagtail. B.M.

Motacilla alba, *Flem.*; *Hewit. Brit. Ool.* pl. 59. f. 1; *Donov. Brit. B.* pl. 5.
Motacilla Yarrellii, *Gould.*
Motacilla lugubris, *Pall.*?; *Temm.*
Motacilla alba lugubris, *Schleg.*
White Wagtail, *Penn.*; *Lew. Br. B. & Eggs*, pl. 15. f. 1.
The Pied Wagtail, *Bew.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 33. f. 1.

b. Calobates.

3. Motacilla sulphurea. The Grey Wagtail.

Motacilla boarula, *Penn.*; *Hewit. Brit. Ool.* pl. 59. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 8. f. 5?; *Schinz, Nester u. Eier*, t. 30?; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 41.

Budytes boarula, *Eyton.*
Motacilla melanopa, *Pall.*
Motacilla cinerea, *Leach.*
Motacilla sulphurea, *Bechst.*
Motacilla montium, *Brehm.*
Calobates sulphurea, *Kaup.*
The Grey Wagtail, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 15. f. 2; *Bolt. Harm. rur.* pl. 50; *Hewit. Eggs Br. B.* pl. 33. f. 2.

Günther, *Eierw.* t. 98. upp. fig.?; *Zinanni*, *Uova*, t. 7. f. 39?

c. BUDYTES.

4. MOTACILLA FLAVA. The Grey-headed Wagtail.

Motacilla flava, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 8. f. 6?; *Naum. Eierw.* t. 8. f. 9 *a–c*; *Schinz*, *Eier*, t. 32. f. 3; *Oken*, *Naturg. Nest. u. Eier*, t. 1. f. 42.
Motacilla flaveola, *Pall.*
Motacilla neglecta, *Gould*; *Hewit. Brit. Ool.* pl. 134.
Motacilla boarula, *Linn.*
Budytes boarula, *Brehm.*
Motacilla Feldseggi, *Michael.*
Motacilla chrysogaster, *Bechst.*
Motacilla cinereo-capilla, *Sari.*
Motacilla melano-cephala, *Licht.*
Budytes Beema, *Sykes.*
Budytes flava, *Cuv.*; *Pr. Bonap.*
Motacilla (Budytes) flava, *Keys. & Bl.*
Budytes Gouldii, *Macgill.*
Budytes flavus, *Cuv.*
The Grey-headed Wagtail, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 34. f. 1, 2.

Günther, *Eierw.* t. 72; *Klein*, *Ova Av.* t. 10. f. 18.

5. MOTACILLA CAMPESTRIS. Ray's Wagtail. B.M.

Motacilla flava, *Flem.*; *Hewit. Brit. Ool.* pl. 59. f. 3.
Motacilla flaveola, *Temm.*
Motacilla campestris, *Pall.*
Budytes Rayi, *Pr. Bonap.*
Budytes flava, *Eyton.*
Motacilla flava Rayi, *Schleg.*
The Yellow Wagtail, *Bew.*; *Lew. Br. B. & Eggs*, pl. 15. f. 3.
Ray's Wagtail, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 34. f. 3.

2. ANTHUS.

a. CORYDALLA.

1. ANTHUS RICHARDII. Richard's Pipit.

Anthus Richardii, *Vieill.*; *Hewit. Brit. Ool.* pl. 165.
Anthus rupestris, *Menetr.*
Corydalla Richardii, *Vigors.*
Richard's Pipit, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 36. f. 3.

b. ANTHUS.

2. ANTHUS PRATENSIS. The Meadow Pipit. B.M.

Alauda pratensis, *Linn.*
Alauda trivialis (*Linn.*), *Mont.*
Spipila pratensis, *Leach.*
Anthus pratensis, *Bechst.*; *Hewit. Brit. Ool.* pl. 68. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 8. f. 8; *Naum. Eierw.* t. 6. f. 16; *Schinz, Eier,* t. 34. f. 2; *Oken, Naturg. Nest. u. Eier,* t. 1. f. 45.
Anthus sepiarius, *Vieill.*
Alauda moscllana, *Gmel.*
Leimoniptera pratensis, *Kaup.*
Anthus stagnatilis, Anthus danicus, Anthus pratorum, Anthus palustris, Anthus alticeps, Anthus tenuirostris, Anthus musicus, Anthus virescens, Anthus Lichtensteini, Anthus desertorum, et Anthus montanellus, *Brehm.*
The Tit Lark, *Bew.*; *Lew. Br. B. & Eggs,* pl. 14. f. 5; *Bolt. Harm. rur.* pl. 46.
Pipit Lark, *Mont.*
The Meadow Pipit or Tit, *Selby.*
The Meadow Pipit, *Yarr. Brit. B.* 2 edit. i. p. 431, fig.; *Hewit. Eggs Brit. B.* pl. 36. f. 1.

Günther, Eierw. t. 19. low. fig.; *Zinanni, Uova,* t. 7. f. 37, t. 8. f. 44.

3. ANTHUS ARBOREUS. The Tree Pipit. B.M.

Alauda trivialis, *Linn.*; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern.* t. 13.
Alauda minor, *Mont.*
Anthus arboreus, *Bechst.*; *Hewit. Brit. Ool.* pl. 114; *Thienem. Fortpfl. Vög. Eur.* t. 8. f. 10; *Naum. Eierw.* t. 2. f. 8;

Schinz, Eier, t. 34. f. 4; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 43.
Motacilla spipola, *Pall.*
Alauda turdinæ, *Scop.*
Anthus trivialis, *Flem.*
Pipastes arboreus, *Kaup.*
Anthus foliorum, Anthus juncorum, et Anthus herbarum, *Brehm.*
The Field Lark, *Bew.*; *Lew. Br. B. and Eggs*, pl. 14. f. 6; *Bolt. Harm. rur.* pl. 48.
The Grasshopper Lark, *Bew.*
Tree Pipit, *Selby*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 35.
Günther, Eierw. t. 9.

4. ANTHUS OBSCURUS. The Rock Pipit. B.M.

Alauda obscura, *Lath.*
Spipila obscura, *Leach.*
Alauda petrosa, *Mont.*
Anthus obscurus, *Keys. & Bl.*
Anthus aquaticus, *Temm.*; *Hewit. Brit. Ool.* pl. 68. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 8. f. 7; *Naum. Eierw.* t. 7. f. 15 *a*, *b*; *Schinz, Eier*, t. 34. f. 3; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 46.
Anthus rupestris, *Nils.*
Anthus montanus, *Koch.*
Anthus petrosus, *Flem.*
Anthus littoralis, *Brehm.*
Anthus spinoletta, *Pr. Bonap.*
Dusky Lark, *Lew.*
Rock Lark, *Mont.*
Rock or Shore Pipit, *Selby.*
Rock Pipit, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 36. f. 2.

? 5. ANTHUS LUDOVICIANUS. The Red Lark.

Alauda spinqletta, *Linn.*
Alauda rubra, *Gmel.*
Alauda ludoviciana, *Gmel.*
Alauda rufa, *Wils.*
Anthus spinoletta, *Pr. Bonap.*
Anthus aquaticus, *Rich. & Sw.*
Anthus ludovicianus, *Licht.*
Red Lark, *Mont.*

Fam. II. TURDIDÆ.

i. Formicarinæ.

1. HYDROBATA.

1. Hydrobata cinclus. The Common Dipper. B.M.

Sturnus cinclus, *Linn.*
Hydrobata cinclus, *G. R. Gr.*
Turdus cinclus, *Lath.*
Cinclus aquaticus, *Bechst.*; *Hewit. Brit. Ool.* pl. 72; *Thienem. Fortpfl. Vög. Eur.* t. 6. f. 1; *Naum. Eierw.* t. 10. f. 14; *Schinz, Eier,* t. 36 *a.* f. 10; *Oken, Naturg. Nest. u. Eier,* t. 1. f. 49.
Aquatilis cinclus, *Mont.*
Cinclus europæus, *Leach.*
Hydrobata albicollis, *Vieill.*
Cinclus medius, Cinclus septentrionalis, et Cinclus melanogaster, *Brehm.*
Water Ouzel, *Mont.*; *Lew. Br. B. & Eggs,* i. pl. 10. f. 5.
European Dipper, *Selby.*
The Common Dipper, *Yarr. Brit. B.* 2 edit. i. p. 186, fig.; *Hewit. Eggs Brit. B.* pl. 17. f. 1.
Penrith Ouzel, *Penn.*

Günther, Eierw. t. 67; *Zinanni, Uova,* t. 19. f. 97.

ii. Turdinæ.

1. TURDUS.

a. Turdus.

1. Turdus viscivorus. The Missel Thrush. B.M.

Turdus viscivorus, *Linn.*; *Hewit. Brit. Ool.* pl. 6. f. 4; *Thienem. Fortpfl. Vög. Eur.* t. 5. f. 9; *Naum. Eierw.* t. 1. f. 15; *Schinz, Eier,* t. 36 *a.* f. 1; *Graves, Ov. Br.* pl. . f. 1; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern,* t. 16; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier,* t. 1. f. 52, t. 2. f. 3.
Ixocossyphus viscivorus, *Kaup.*
Turdus major et Turdus arboreus, *Brehm.*
Sylvia viscivora, *Savi.*

Missel Thrush, *Bew.*; *Lew. Br. B. & Eggs*, 1. pl. 10. f. 1; *Renn. Bird-Arch.* p. 157; *Hewit. Eggs Brit. B.* pl. 17. f. 2, 3.
Missel Bird, *Bolt. Harm. rur.* pl. 4.

Günther, Eierw. t. 42; *Zinanni, Uova e Nidi*, t. 5. f. 20.

2. TURDUS PILARIS. The Fieldfare. B.M.

Turdus pilaris, *Linn.*; *Hewit. Brit. Ool.* pl. 58. f. 1, 2; *Thienem. Fortpfl. Vög. Eur.* t. 5. f. 10; *Naum. Eierw.* t. 10. f. 13 *a—d*; *Schinz, Eier*, t. 36 *a*. f. 3; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 56.
Arceuthornis pilaris, *Kaup.*
Turdus subpilaris et Turdus juniperorum, *Brehm.*
Turdus musicus, *Pall.*
Sylvia pilaris, *Savi.*
The Fieldfare, *Bew.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 18. f. 1.

3. TURDUS MUSICUS. The Song Thrush. B.M.

Turdus musicus, *Linn.*; *Hewit. Brit. Ool.* pl. 6. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 5. f. 11; *Naum. Eierw.* t. 9. f. 7; *Schinz, Eier*, t. 36 *a*. f. 4; *Graves, Ov. Br.* pl. . f. 2; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 17; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 50, t. 2. f. 2.
Turdus minor et Turdus philomelos, *Brehm.*
Turdus pilaris, *Pall.*
Sylvia musica, *Savi.*
The Throstle, *Bew.*
Song Thrush, *Selby*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 10. f. 2; *Renn. Bird-Arch.* p. 94; *Bolt. Harm. rur.* pl. 6; *Hewit. Eggs Brit. B.* pl. 18. f. 2.

Günther, Eierw. t. 33; *Zinanni, Uova e Nidi*, t. 5. f. 21.

4. TURDUS ILIACUS. The Redwing. B.M.

Turdus iliacus, *Linn.*; *Hewit. Brit. Ool.* pl. 159; *Thienem. Fortpfl. Vög. Eur.* t. 5. f. 12; *Schinz, Eier*, t. 36 *a*. f. 9; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 53.
Turdus betularum et Turdus vinetorum, *Brehm.*
Sylvia iliaca, *Savi.*
The Redwing, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, 1. pl. 10. f. 2; *Hewit. Eggs Brit. B.* pl. 19. f. 1.

Klein, Ova Av. t. 9. f. 1.

? b. Oreocincla.

75. Turdus Whitei. White's Thrush.

Turdus Dauma, *Lath.* ?
Turdus varius, *Horsf.*? ; *Jenyns.*
Turdus Whitei, *Eyton.*
Turdus varius seu Whitei, *Temm.*
Turdus aureus, *Holandre.*
Oreocincla Whitei, *Gould.*
White's Thrush, *Yarr.*

c. Monticola.

6. Turdus saxatilis. The Rock Thrush.

Turdus saxatilis, *Gmel.* ; *Thienem. Fortpfl. Vög. Eur.* t. 5. f. 15 ; *Naum. Eierw.* t. 7. f. 8 ; *Schinz, Eier*, t. 36 *a*. f. 7.
Lanius infaustus, *Gmel.*
Saxicola montana, *Koch.*
Petrocincla saxatilis, *Vigors.*
Sylvia saxatilis, *Savi.*
Monticola saxatilis, *Boie.*
Petrocossyphus saxatilis, *Boie.*
Petrocossyphus Goureyi et Petrocossyphus polyglottus, *Brehm.*
Petrocichla saxatilis, *Keys. & Bl.*
The Rock Thrush, *Yarr.*

Günther, Eierw. t. 75 ; *Zinanni, Uova e Nidi*, t. 6. f. 23.

d. Merula.

7. Turdus torquatus. The Ring Ouzel. B.M.

Turdus torquatus, *Linn.*; *Hewit. Brit. Ool.* pl. 58. f. 3, 4 ; *Thienem. Fortpfl. Vög. Eur.* t. 5. f. 13 ; *Schinz, Eier*, t. 36 *a*. f. 6.
Copsichus torquatus, *Kaup.*
Merula torquata, *Boie.*
Merula montana, Merula collaris, et Merula alpestris, *Brehm.*
Sylvia torquata, *Savi.*
The Ring Ouzel, *Bew.* ; *Yarr.* ; *Lew. Br. B. & Eggs*, i. pl. 10. f. 4 ; *Bolt. Harm. rur.* pl. 10 ; *Hewit. Eggs Brit. B.* pl. 19. f. 2.

8. TURDUS MERULA. The Blackbird. B.M.

Turdus merula, *Hewit. Brit. Ool.* pl. 6. f. 2, 3; *Thienem. Fortpfl. Vög. Eur.* t. 5. f. 14; *Naum. Eierw.* t. 9. f. 6; *Schinz, Eier*, t. 36 *a*. f. 5; *Graves, Ov. Br.* pl. . f. 3; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 18; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 51. 55. t. 2. f. 1.

Merula vulgaris, *Pr. Bonap.*

Merula merula, *Boie.*

Merula nigra, *Leach.*

Merula pinetorum, Merula truncorum, Merula alticeps, et Merula carniolica, *Brehm.*

Sylvia merula, *Savi.*

Merula vulgaris, *Selby.*

The Black Ouzel, *Bew.*

Blackbird, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 10. f. 3; *Renn. Bird-Arch.* p. 97; *Bolt. Harm. rur.* pl. 8; *Hewit. Eggs Brit. B.* pl. 19. f. 3, 4.

Günther, Eierw. t. 39; *Zinanni, Uova e Nidi*, t. 5. f. 22.

iii. ORIOLINÆ.

1. ORIOLUS.

a. ORIOLUS.

1. ORIOLUS GALBULA. The Golden Oriole. B.M.

Oriolus galbula *Linn.*; *Hewit. Brit. Ool.* pl. 13; *Thienem. Fortpfl. Vög. Eur.* t. 4. f. 13; *Schinz, Eier*, t. 40. f. 8; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 58.

Coracias oriolus, *Linn.*

Coracias galbula, *Bechst.*; *Naum. Eierw.* t. 4. f. 11.

Oriolus aureus et Oriolus garrulus, *Brehm.*

Golden Oriole, *Mont.*; *Yarr. Brit. B.* 2 edit. i. p. 234, fig.; *Hewit. Eggs Brit. B.* pl. 20.

Günther, Eierw. t. 47; *Klein, Ova Av.* t. 9. f. 2.

iv. PYCNONOTINÆ.

? 1. PYCNONOTUS.

? a. HÆMATORNIS.

? 1. PYCNONOTUS AURIGASTER. The Gold-vented Thrush.

Turdus aurigaster, *Vieill.*
Turdus chrysorrhæus, *Temm.*
Hæmatornis chrysorrhæus, *Swains.*
Pycnonotus chrysorrhæus, *Thomp.*
Pycnonotus aurigaster, *G. R. Gr.*
The Gold-vented Thrush, *Lath.*; *Yarr.*

FAM. III. MUSCICAPIDÆ.

i. MUSCICAPINÆ.

1. MUSCICAPA.

a. MUSCICAPA.

1. MUSCICAPA ATRICAPILLA. The Pied Flycatcher. B.M.

Muscicapa atricapilla, *Linn.*; *Naum. Eierw.* t. 1. f. 11; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 61.
Muscicapa luctuosa, *Temm.*; *Hewit. Brit. Ool.* pl. 8. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 5. f. 7; *Schinz, Eier*, t. 36 *a.* f. 12.
Emberiza luctuosa, *Scop.*
Motacilla ficedula, *Linn.*
Muscicapa streptophora, *Vieill.*
Sylvia ficedula, *Lath.*
Muscicapa muscipeta, *Bechst.*; *Thienem. Fortpfl. Vög. Eur.* t. 5. f. 6; *Schinz, Eier*, t. 36 *a.* f. 11; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 60.
Muscicapa alticeps, Muscicapa fuscicapilla, et Muscicapa atrogrisea, *Brehm.*
The Pied Flycatcher, *Bew.*; *Yarr.*; *Lew. Br. B. and Eggs*, pl. 14. f. 2; *Hewit. Eggs Brit. B.* pl. 16. f. 2.
Coldfinch, *Bolt. Harm. rur.* pl. 40.

b. Butalis.

2. Muscicapa grisola. The Spotted Flycatcher. B.M.

Muscicapa grisola, *Linn.*; *Hewit. Brit. Ool.* pl. 8. f. 2, 3; *Thienem. Fortpfl. Vög. Eur.* t. 5. f. 5; *Naum. Eierw.* t. 5. f. 16; *Schinz, Eier,* t. 36 *a.* f. 10; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier,* t. 1. f. 59.
Motacilla ficedula, *Linn.*
Butalis grisola, *Boie.*
Butalis montana et Butalis pinetorum, *Brehm.*
Spotted Flycatcher, *Bew.*; *Yarr.*; *Lew. Br. B. and Eggs,* pl. 14. f. 1; *Bolt. Harm. rur.* pl. 38; *Hewit. Eggs Br. B.* pl. 16. f. 1.
Zinanni, Uova, t. 6. f. 30; *Klein, Ova Av.* t. 10. f. 7, 8.

Fam. IV. AMPELLIDÆ.

i. Ampelinæ.

1. AMPELIS.

1. Ampelis garrulus. The Bohemian Waxwing.

Lanius garrulus, *Linn.*
Ampelis garrulus, *Linn.*
Bombycilla bohemica, *Leach.*
Bombyciphora poliocœlia, *Meyer.*
Bombycivora garrula, *Temm.*
Parus bombycilla, *Pall.*
Bombycilla garrula, *Flem.*; *Thienem. Fortpfl. Vög. Eur.* t. 4. f. 11.
The Chatterer, *Bew.*
Bohemian Chatterer, *Mont.*
Waxen Chatterer, *Penn.*
Bohemian Waxwing, *Selby*; *Yarr.*

Fam. V. LANIDÆ.

i. Laninæ.

1. LANIUS.

a. Lanius.

1. Lanius excubitor. The Great Grey Shrike. B.M.

Lanius excubitor, *Linn.*; *Hewit. Brit. Ool.* pl. 108. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 5. f. 1; *Naum. Eierw.* t. 5. f. 3; *Schinz, Eier*, t. 31. f. 8; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 70.
Lanius cinereus, *Leach.*
Lanius major, *Brehm.*
Great Ash-coloured Shrike, *Bew.*
Cinereous Shrike, *Mont.*
Great Shrike, *Penn.*
Great Cinereous Shrike, *Selby*; *Lew. Br. B. & Eggs*, i. pl. 5. f. 1.
Great Grey Shrike, *Yarr.*; *Hewit. Eggs Br. B.* pl. 15. f. 1.
Butcher Bird, *Renn. Bird-Arch.* p. 15.

Günther, Eierw. t. 41; *Klein, Ova Av.* t. 5. f. 6; *Zinanni, Uova*, t. 15. f. 80.

?2. Lanius excubitorides.

Lanius borealis, *Vieill. Faune Franc.* p. 151. t. 65. f. 1?; *Smith.*
Lanius excubitorides, *Swains.*?; *Tomes.*
Lanius ludovicianus (*Linn.*), *Aud.*

2. ENNEOCTONUS.

1. Enneoctonus collurio. The Red-backed Shrike. B.M.

Lanius collurio, *Linn.*; *Hewit. Brit. Ool.* pl. 2; *Thienem. Fortpfl. Vög. Eur.* t. 5. f. 4; *Naum. Eierw.* t. 10. f. 15 *a—d.*
Lanius spinitorquus, *Bechst.*; *Schinz, Eier*, t. 31. f. 10, 11; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 63, 64, 65, 66, 69. t. 4. f. 2.

Lanius dumetorum, *Brehm.*
Enneoctonus collurio, *Boie.*
Collurio ——, *Kaup.*
The Red-backed Shrike, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 5. f. 2; *Hewit. Eggs Brit. B.* pl. 15. f. 3, 4.
Woodchat, *Bew.*

Günther, Eierw. t. 23; *Zinanni, Uova*, t. 15. f. 81; *Klein, Ova Av.* t. 5. f. 8.

2. ENNEOCTONUS RUFUS. The Woodchat Strike.

Lanius rutilus, *Lath.*
Lanius pomeranus, *Sparrm.*; *Oken, Naturg. Nest. u. Eier.* t. 1. f. 67, 68.
Lanius ruficeps, *Bechst.*; *Naum. Eierw.* t. 6. f. 12.
Lanius ruficollis, *Shaw.*
Lanius melanotis, *Brehm.*
Phoneus rufus, *Kaup.*
Enneoctonus rufus, *Pr. Bonap.*
Lanius rufus, *Temm.*; *Hewit. Brit. Ool.* pl. 108. f. 2; *Thienem. Fortpfl. Vog. Eur.* t. 5. f. 3; *Schinz, Eier*, t. 31. f. 12, 13; *Lefevre, Ool. Eur.* t. .
The Woodchat, *Bew.*
The Woodchat Shrike, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 15. . f. 2.
Wood Shrike, *Mont.*

Zinanni, Uova, t. 15. f. 79; *Klein, Ova Av.* t. 5. f. 7.

Tribe IV. CONIROSTRES.

FAM. I. CORVIDÆ.

i. GARRULINÆ.

1. GARRULUS.

1. GARRULUS GLANDARIUS. The Jay. B.M.

Corvus glandarius, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 3. f. 10; *Naum. Eierw.* t. 3. f. 10 *a*, *b*; *Schinz, Eier*, t. 31. f. 1; *Graves, Ov. Br.* pl. . f. 2; *Lefevre, Ool. Eur.* t. .
Lanius glandarius, *Nils.*

Glandarius pictus, *Koch.*
Garrulus glandarius, *Leach*; *Hewit. Brit. Ool.* pl. 112. f. 2; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 31, 32.
Glandarius germanicus et Glandarius septentrionalis, *Brehm.*
The Jay, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 7. f. 2; *Renn. Bird-Arch.* p. 147; *Hewit. Eggs Brit. B.* pl. 51. f. 3.

Günther, Eierw. t. 38; *Zinanni, Uova*, t. 10. f. 58; *Klein, Ova Av.* t. 8. f. 2.

ii. Corvinæ.

1. NUCIFRAGA.

1. Nucifraga caryocatactes. The Nutcracker.

Corvus caryocatactes, *Linn.*; *Schinz, Eier*, t. 31. f. 2.
Caryocatactes maculatus, *Koch.*
Caryocatactes nucifraga, *Nils.*; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 30.
Nucifraga caryocatactes, *Leach.*
Nucifraga guttata, *Vieill.*
Nucifraga brachyrhyncha et Nucifraga macrorhyncha. *Brehm.*
Caryocatactes caryocatactes, *Schleg.*
The Nutcracker, *Bew.*; *Yarr.*

2. PICA.

1. Pica caudata. The Magpie. B.M.

Corvus pica, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 4. f. 9; *Naum. Eierw.* t. 6. f. 9 *a*, *b*; *Schinz, Eier*, t. 30. f. 8; *Graves, Ov. Br.* pl. . f. 3.
Pica melanoleuca, *Vieill.*; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 33, 41.
Pica albiventris, *Vieill.*
Pica europæa (*Cuv.*), *Boie.*
Pica rusticorum, *Leach.*
Pica caudata, *Flem.*; *Hewit. Brit. Ool.* pl. 65.
Corvus (Pica) pica, *Jenyns.*
Pica germanica, Pica septentrionalis, et Pica hiemalis, *Brehm.*
Pica varia, *Schleg.*
The Magpie, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 7. f. 3; *Renn. Bird-Arch.* p. 259; *Hewit. Eggs Brit. B.* pl. 51. f. 1, 2.

Günther, Eierw. t. 53; *Zinanni, Uova*, t. 10. f. 57; *Klein, Ova Av.* t. 8. f. 3.

3. CORVUS.

a. Corvus.

1. Corvus corax. The Raven. B.M.

Corvus corax, *Linn.*; *Hewit. Brit. Ool.* pl. 69; *Thienem. Fortpfl. Vög. Eur.* t. 4. f. 4; *Naum. Eierw.* t. 2. f. 4; *Schinz, Eier*, t. 30. f. 1; *Graves, Ov. Br.* pl. . f. 1; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 39, 40.

Corvus sylvestris, Corvus littoralis, Corvus peregrinus, et Corvus montanus, *Brehm.*

Corvus maximus, *Scop.*

Corvus clericus, *Sparrm.*

Corvus leucophæas, *Vieill.*

The Raven, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 6. f. 1; *Hewit. Eggs Brit. B.* pl. 48.

Günther, Eierw. t. 71.

b. Lycos.

2. Corvus frugilegus. The Rook. B.M.

Corvus frugilegus, *Linn.*; *Hewit. Brit. Ool.* pl. 71; *Thienem. Fortpfl. Vög. Eur.* t. 4. f. 7; *Naum. Eierw.* t. 8. f. 5 *a, b*; *Schinz, Eier*, t. 30. f. 4, 5; *Graves, Ov. Br.* pl. . f. 3.

Corvus corone, *Linn.*

Corvus agrorum, Corvus granorum, et Corvus advena, *Brehm.*

Coloeus frugilegus, *Kaup.*

The Rook, *Bew.*; *Yarr.*; *Lew. Brit. B. & Eggs*, i. pl. 6. f. 3; *Hewit. Eggs Brit. B.* pl. 50. f. 1.

Klein, Ova Av. t. 8. f. 10.

3. Corvus monedula. The Jackdaw. B.M.

Corvus monedula, *Linn.*; *Hewit. Brit. Ool.* pl. 44; *Thienem. Fortpfl. Vög. Eur.* t. 4. f. 8; *Naum. Eierw.* t. 5. f. 7; *Schinz, Eier*, t. 30. f. 6; *Graves, Ov. Br.* pl. . f. 1; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 34, 35.

Monedula turricum, Monedula arborea, et Monedula septentrionalis, *Brehm.*

Colœus monedula, *Kaup.*
Lycos monedula, *Boie.*
The Jackdaw, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 7. f. 1; *Hewit. Eggs Brit. B.* pl. 50. f. 2.

Gunther, Eierw. t. 11. low. fig.; *Zinanni, Uova*, t. 10. f. 62; *Klein, Ova Av.* t. 8. f. 4.

c. Corone.

4. Corvus corone. The Carrion Crow. B.M.

Corvus corone, *Linn.*; *Hewit. Brit. Ool.* pl. 91; *Thienem. Fortpfl. Vög. Eur.* t. 4. f. 6; *Naum. Eierw.* t. 9. f. 4 *a, b*; *Schinz, Eier*, t. 30. f. 2; *Graves, Ov. Br.* pl. . f. 2; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 36–38.
Corvus cornix, *Leach.*
Corvus subcorone et Corvus hiemalis, *Brehm.*
Corone ——, *Kaup.*
The Carrion Crow, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 6. f. 2; *Hewit. Eggs Brit. B.* pl. 49. f. 1.

Günther, Eierw. t. 51; *Zinanni, Uova*, t. 10. f. 61; *Klein, Ova Av.* t. 10. f. 9.

5. Corvus cornix. The Hooded Crow. B.M.

Corvus cornix, *Linn.*; *Hewit. Brit. Ool.* pl. 97; *Thienem. Fortpfl. Vög. Eur.* t. 4. f. 5; *Naum. Eierw.* t. 9. f. 5 *a, b*; *Schinz, Eier*, t. 30. f. 3; *Lefevre, Ool. Eur.* t. .
Corvus cinereus, *Leach.*
Corvus subcornix, *Brehm.*
Corone cornix, *Kaup.*
The Hooded Crow, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 6. f. 4; *Hewit. Eggs Brit. B.* pl. 49. f. 2.

iii. Pyrrhocoracinæ.

1. CORACIA.

1. Coracia graculus. The Chough. B.M.

Corvus graculus, *Linn.*; *Schinz, Eier*, t. 30. f. 7.
Coracia erythroramphos, *Vieill.*
Pyrrhocorax graculus, *Temm.*; *Thienem. Fortpfl. Vog. Eur.* t. 10. f. 3.

Fregilus graculus, *Cuv.*; *Hewit. Brit. Ool.* pl. 112. f. 1.
Fregilus europæus, *Less.*
Fregilus erythropus, *Swains.*
Pyrrhocorax rupestris, *Brehm.*
Coracia gracula, *G. R. Gr.*
Corvus docilis, et Corvus eremita, *Gmel.*
Graculus eremita, *Koch.*
Corvus coracias, *Lapeir.*
The Red-legged Crow, *Bew.*; *Lew. Br. B. & Eggs*, i. pl. 7. f. 4.
The Cornish Chough, *Selby.*
The Chough, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 47. f. 2.

Fam. II. STURNIDÆ.

? i. Graculinæ.

? 1. GRACULA.

? 1. Gracula religiosa. The Minor Grakle.

Gracula religiosa, *Linn.*; *Cater.*

ii. Sturninæ.

1. PASTOR.

1. Pastor roseus. The Rose-coloured Pastor.

Turdus roseus, *Linn.*
Sturnus roseus, *Scop.*
Turdus seleucis, *Gmel.*
Pastor roseus, *Temm.*; *Oken, Naturg. Nest. u. Eier*, t. 1. f. 57.
Merula rosea, *Naum.*
Boseis rosea, *Brehm.*
Thremmaphilus roseus, *Macgill.*
Aeridotheres roseus, *Ranz.*
The Rose-coloured Ouzel, *Bew.*
Rose-coloured Pastor, *Selby*; *Yarr.*

2. STURNUS.

1. STURNUS VULGARIS. The Common Starling. B.M.

Sturnus vulgaris, *Linn.*; *Hewit. Brit. Ool.* pl. 9; *Thienem. Fortpfl. Vog. Eur.* t. 4. f. 14; *Graves, Ov. Br.* pl. . f. 2; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 19; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 28.
Sturnus varius, *Wolf u. Mey.*; *Naum. Eierw.* t. 1. f. 13; *Schinz, Eier*, t. 36 *a.* f. 14.
Sturnus guttatus, *Macgill.*
Turdus solitarius, *Gmel.*
Sturnus solitarius, *Leach.*
Sturnus domesticus, Sturnus sylvestris, Sturnus nitens, et Sturnus septentrionalis, *Brehm.*
The Starling, *Bew.*; *Bolt. Harm. rur.* pl. 2; *Hewit. Eggs Brit. B.* pl. 47. f. 1.
Stare or Starling and Solitary Thrush, *Mont.*
Common Stare, *Penn.*; *Lew. Br. B. & Eggs*, i. pl. 9. f. 4.
Common Starling, *Selby*; *Yarr.*

Günther, Eierw. t. 10. 91; *Zinanni, Uova*, t. 10. f. 60; *Klein, Ova Av.* t. 8. f. 7.

? iii. AGELAINÆ.

? 1. AGELAIUS.

? 1. AGELAIUS PHŒNICEUS. The Red-winged Starling.

Oriolus phœniceus, *Linn.*
Sturnus prædatorius, *Wils.*
Agelaius phœniceus, *Vieill.*
Icterus phœniceus, *Pr. Bonap.*
The Red-winged Starling, *Bew.*; *Yarr.*

FAM. III. FRINGILLIDÆ.

i. COCCOTHRAUSTINÆ.

1. COCCOTHRAUSTES.

1. COCCOTHRAUSTES VULGARIS. The Hawfinch. B.M.

Loxia coccothraustes, *Linn.*; *Naum. Eierw.* t. 1. f. 14; *Oken. Naturg. Nest. u. Eier*, t. 4. f. 8.

Fringilla coccothraustes, *Temm.*; *Thienem. Fortpfl. Vög. Eur.* t. 10. f. 1; *Schinz, Eier*, t. 35. f. 14.
Coccothraustes vulgaris, *Steph.*; *Hewit. Brit. Ool.* pl. 43. f. 1, 2.
Coccothraustes fagorum, Coccothraustes cerasorum, et Coccothraustes planiceps, *Brehm.*
Coccothraustes atrigularis, *Macgill.*
The Grosbeak, *Bew.*
Haw-Grosbeak, *Mont.*
Hawfinch, *Selby*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 43. f. 2.

ii. FRINGILLINÆ.

2. FRINGILLA.

a. FRINGILLA.

1. FRINGILLA CÆLEBS. The Chaffinch. B.M.

Fringilla cælebs, *Linn.*; *Hewit. Brit. Ool.* pl. 16. f. 3, 4; *Thienem. Fortpfl. Vög. Eur.* t. 10. f. 7; *Naum. Eierw.* t. 2. f. 12 *a*, *b*; *Schinz, Eier*, t. 36. f. 6, 7; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 10; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 46.
Struthus cælebs, *Boie.*
Fringilla hortensis, Fringilla sylvestris, et Fringilla nobilis, *Brehm.*
Passer spiza, *Pall.*
The Chaffinch, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 12. f. 2; *Bolt. Harm. rur.* pl. 24; *Renn. Bird-Arch.* p. 204; *Hewit. Eggs Brit. B.* pl. 41. f. 1.

Günther, Eierw. t. 7; *Zinanni, Uova*, t. 9. f. 52; *Klein, Ova Av.* t. 9. f. 9, 10.

2. FRINGILLA MONTIFRINGILLA. The Mountain Finch.

Fringilla montifringilla, *Linn.*; *Hewit. Brit. Ool.* pl. 169; *Thienem. Fortpfl. Vög. Eur.* t. 10. f. 8; *Schinz, Eier*, t. 36. f. 3; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 47.
Fringilla lulensis, *Linn.*
Fringilla flammea, *Beseke.*
Fringilla septentrionalis, *Brehm.*
Struthus montifringilla, *Boie.*
The Mountain Finch, *Bew.*; *Yarr.*
Brambling or Bramble, *Mont.*

Brambling Finch, *Penn.*
Mountain Finch, *Selby*; *Hewit. Eggs Brit. B.* pl. 41. f. 2.
Günther, Eierw. t. 87 ?

b. Carduelis.

3. Fringilla carduelis. The Goldfinch. B.M.

Fringilla carduelis, *Linn.*; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 9; *Thienem. Fortpfl. Vög. Eur.* t. 10. f. 13; *Naum. Eierw.* t. 9. f. 10 *a*, *b*; *Schinz, Eier*, t. 13. f. 13; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 40. t. 4. f. 3.
Spinus Carduelis, *Koch.*
Carduelis carduelis, (*Cuv.*) *Boie.*
Carduelis elegans, *Steph.*; *Hewit. Brit. Ool.* pl. 137.
Carduelis aurata, *Eyton.*
Carduelis septentrionalis et Carduelis germanicus, *Brehm.*
Fringilla (Acanthis) carduelis, *Keys. & Bl.*
The Goldfinch, *Bew.*; *Yarr. Brit. B.* 2 edit. i. p. 543, fig.; *Lew. Br. B. & Eggs*, i. pl. 12. f. 3; *Bolt. Harm. rur.* pl. 22; *Renn. Bird-Arch.* p. 208; *Hewit. Eggs Brit. B.* pl. 44. f. 1.
Günther, Eierw. t. 3. upp. fig.; *Zinanni, Uova*, t. 8. f. 47; *Klein, Ova Av.* t. 9. f. 11.

c. Chrysomitris.

4. Fringilla spinus. The Siskin.

Fringilla spinus, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 10. f. 12; *Naum. Eierw.* t. 9. f. 11; *Schinz, Eier*, t. 36. f. 11; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 15; *Oken. Naturg. Nest. u. Eier*, t. 3. f. 41.
Linaria spinus, *Leach.*
Spinus viridis, *Koch.*
Serinus spinus, *Boie.*
Spinus alnorum, Spinus medius, et Spinus betularum, *Brehm.*
Carduelis spinus, *Steph.*
Chrysomitris spinus, *Boie.*
Fringilla (Acanthis) spinus, *Keys. & Bl.*
The Siskin, *Bew.*; *Yarr. Brit. B.* 2 edit. i. p. 549, fig.; *Lew. Br. B. & Eggs*, i. pl. 12. f. 4; *Bolt. Harm. rur.* pl. 26; *Hewit. Eggs Brit. B.* pl. 44. f. 2.
Siskin Finch, *Penn.*

Günther, Eierw. t. 13. low. fig. t. 99 ?

d. Ligurinus.

5. Fringilla chloris. The Greenfinch. B.M.

Loxia chloris, *Linn.*
Fringilla chloris, *Temm.*; *Hewit. Brit. Ool.* pl. 16. f. 1, 2; *Thienem. Fortpfl. Vög. Eur.* t. 10. f. 2; *Naum. Eierw.* t. 9. f. 8 *a*, *b*; *Schinz, Eier*, t. 35. f. 16; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 45.
Ligurinus chloris, *Koch.*
Serinus chloris, *Boie.*
Coccothraustes chloris, *Steph.*
Chloris pinetorum, Chloris hortensis, et Chloris septentrionalis, *Brehm.*
Linaria chloris, *Macgill.*
Chlorospiza chloris, *Pr. Bonap.*
Green Grosbeak, *Bew.*; *Lew. Br. B. & Eggs*, i. pl. 11. f. 1.
Greenfinch, *Selby*; *Yarr.*; *Renn. Bird-Arch.* p. 186; *Bolt. Harm. rur.* pl. 14.
Green Linnet, *Hewit. Eggs Brit. B.* pl. 43. f. 1.

Günther, Eierw. t. 62; *Zinanni, Uova*, t. 9. f. 54.

e. Cannabina.

6. Fringilla cannabina. The Common Linnet. B.M.

Fringilla cannabina, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 10. f. 9; *Naum. Eierw.* t. 19. f. 9 *a*, *b*; *Schinz, Eier*, t. 36. f. 5; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 9; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 38.
Fringilla linota, *Gmel.*
Passer papaverina, *Pall.*
Ligurinus cannabina, *Koch*; *Hewit. Brit. Ool.* pl. 96. f. 1, 2.
Linaria cannabina, *Boie.*
Cannabina pinetorum et Cannabina arbustorum, *Brehm.*
Linota cannabina, *Pr. Bonap.*
The Greater Redpole, *Bew.*; *Lew. Br. B. & Eggs*, i. pl. 13. f. 2.
Red-headed Finch, *Penn.*
Greater Red-headed Linnet, *Bolt. Harm. rur.* pl. 30?
Common or Brown Linnet, *Selby.*
Linnet, *Bew.*

The Common Linnet, *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 13. f. 1; *Bolt. Harm. rur.* pl. 28; *Hewit. Eggs Brit. B.* pl. 45. f. 1.

Günther, Eierw. t. 58; *Zinanni, Uova*, t. 9. f. 51; *Klein, Ova Av.* t. 9. f. 13.

7. FRINGILLA LINARIA. The Lesser Redpole. B.M.

Fringilla linaria, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 10. f. 14; *Schinz, Eier*, t. 36. f. 4; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 44.
Linaria minor, *Leach*; *Hewit. Brit. Ool.* pl. 96. f.
Fringilla (Acanthis) linaria, *Keys. & Bl.*
Spinus linaria, *Koch.*
Linota linaria, *Pr. Bonap.*
Fringilla rufescens, *Vieill.*
Linaria flavirostris, *Eyton.*
Linaria Holbœllii, Linaria alnorum, Linaria agrorum, Linaria betularum, et Linaria flavirostris, *Brehm.*
Linaria linaria, *Boie.*
Linaria rubra, *Steph.*
Lesser Redpole, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 13. f. 3; *Hewit. Eggs Brit. B.* pl. 45. f. 2.
Less Red-headed Finch, *Penn.*; *Bolt. Harm. rur.* pl. 32.
Lesser Redpole Finch, *Selby.*

Klein, Ova Av. t. 9. f. 14.

8. FRINGILLA BOREALIS. The Mealy Redpole.

Fringilla borealis, *Roux.*
Linaria canescens, *Gould.*
Fringilla canescens, *Schleg.*
Linaria borealis, *Selby*
Fringilla (Acanthis) borealis, *Keys. & Bl.*
Linota canescens, *Pr. Bonap.*
Fringilla linaria, var. *β. Jenyns.*
Linota borealis, *Macgill.*
The Mealy Redpole, *Yarr.*

9. FRINGILLA FLAVIROSTRIS. The Mountain Linnet. B.M.

Fringilla flavirostris, *Linn.*
Fringilla montium, *Gmel.*; *Thienem. Fortpfl. Vög. Eur.* t. 10. f. 10; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 42.
Linaria montium, *Leach*; *Hewit. Brit. Ool.* pl. 96. f. 3.
Fringilla cannabina (part), *Temm.*

Cannabina montium, Cannabina flavirostris, et Cannabina media, *Brehm.*
Linota montium, *Pr. Bonap.*
Linaria flavirostris, *Macgill.*
Twite, *Mont.*; *Bolt. Harm. rur.* pl. 34.
Mountain Linnet or Twite, *Selby*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 13. f. 4; *Hewit. Eggs Brit. B.* pl. 45. f. 3.

3. PASSER.

1. PASSER DOMESTICUS. The House Sparrow. B.M.

Fringilla domestica, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 10. f. 4; *Naum. Eierw.* t. 9. f. 22 *a–d*; *Schinz, Eier*, t. 36. f. 1; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 49, 50.
Passer domesticus, *Leach*; *Hewit. Brit. Ool.* pl. 41. f. 1, 2.
Pyrgita domestica, *Boie.*
Pyrgita pagorum et Pyrgita rustica, *Brehm.*
The House Sparrow, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 12. f. 1; *Renn. Bird-Arch.* p. 252; *Hewit. Eggs Brit. B.* pl. 42. f. 3, 4.
Sparrow Finch, *Penn.*

Günther, Eierw. t. 57; *Zinanni, Uova*, t. 11. f. 70; *Klein, Ova Av.* t. 9. f. 7.

2. PASSER MONTANUS. The Tree Sparrow.

Fringilla montana, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 10. f. 6; *Naum. Eierw.* t. 7. f. 16 *a–d*; *Schinz, Eier*, t. 36. f. 2; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 51, 52.
Loxia hamburgia, *Gmel.*
Passer montanina, *Pall.*
Passer montanus, *Steph.*; *Hewit. Brit. Ool.* pl. 41. f. 3, 4.
Passer hamburgensis, *Leach.*
Pyrgita montana, *Boie.*
Pyrgita campestris et Pyrgita septentrionalis, *Brehm.*
The Mountain Sparrow, *Bew.*
Tree Sparrow, *Mont.*; *Yarr.*; *Hewit. Eggs Br. B.* pl. 42. f. 1, 2.

Zinanni, Uova, t. 11. f. 72.

?4. SPIZA.

?1. SPIZA CIRIS. The Painted Bunting.

Emberiza ciris, *Linn.*; *Jenyns.*
Spiza ciris, *Pr. Bonap.*
Painted Bunting, *Mont.*

iii. Emberizinæ.

1. EMBERIZA.

a. Miliaria.

1. Emberiza miliaria. The Common Bunting. B.M.

Emberiza miliaria, *Linn.*; *Hewit. Brit. Ool.* pl. 3. f. 1, 2; *Thienem. Fortpfl. Vög. Eur.* t. 9. f. 10; *Naum. Eierw.* t. 4. f. 13; *Schinz, Eier*, t. 35. f. 7; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 11.

Miliaria septentrionalis, Miliaria germanica, et Miliaria peregrina, *Brehm.*

Cynchramus miliaria, *Pr. Bonap.*

The Bunting, *Bew.*; *Bolt. Harm. rur.* pl. 16.

Common Bunting, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 11. f. 5; *Hewit. Eggs Brit. B.* pl. 39. f. 1.

Günther, Eierw. t. 70; *Zinanni, Uova*, t. 9. f. 55.

b. Cynchramus.

2. Emberiza schœniclus. The Black-headed Bunting. B.M.

Emberiza schœniclus, *Linn.*; *Hewit. Brit. Ool.* pl. 3. f. 5, 6; *Thienem. Fortpfl. Vög. Eur.* t. 9. f. 11; *Naum. Eierw.* t. 1. f. 16 *a*, *b*; *Schinz, Eier*, t. 35. f. 10; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 13, 14.

Emberiza arundinacea, *S. G. Gmel.*

Emberiza passerina, *Gmel.*

Cynchramus schœniclus, *Boie.*

Cynchramus stagnatilis et Cynchramus septentrionalis. *Brehm.*

The Black-headed Bunting, *Bew.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 39. f. 2.

Reed Bunting, *Mont.*; *Lew. Br. B. & Eggs*, i. pl. 11. f. 6; *Bolt. Harm. rur.* pl. 20; *Renn. Bird-Arch.* p. 180?

Günther, Eierw. t. 17. upp. fig.

c. Citrinella.

3. Emberiza citrinella. The Yellow Bunting. B.M.

Emberiza citrinella, *Linn.*; *Hewit. Brit. Ool.* pl. 3. f. 3, 4; *Thienem. Fortpfl. Vög. Eur.* t. 9. f. 9; *Naum. Eierw.* t. 8. f. 12 *a, b, c, d*; *Schinz, Eier*, t. 35. f. 8; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 14; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 9.

Emberiza sylvestris et Emberiza septentrionalis, *Brehm.*

Citrinella ——, *Kaup.*

Yellow Bunting, *Bew.*; *Yarr. Brit. B.* 2 edit. i. p. 494, fig.; *Lew. Br. B. & Eggs*, i. pl. 11. f. 4; *Hewit. Eggs Brit. B.* pl. 39. f. 3, 4.

Yellow Hammer, *Bolt. Harm. rur.* pl. 18; *Renn. Bird-Arch.* p. 195.

Günther, Eierw. t. 17. low. fig. t. 31.

4. Emberiza hortulana. The Ortolan Bunting.

Emberiza hortulana, *Linn.*; *Hewit. Brit. Ool.* pl. 126; *Thienem. Fortpfl. Vög. Eur.* t. 9. f. 12; *Schinz, Eier*, t. 35. f. 4; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 16, 17.

Emberiza chlorocephala, *Gmel.*

Emberiza Tunstallii, *Lath.*

Emberiza Malbeyensis, *Sparrm.*

Emberiza badensis, *Gmel.*

Emberiza citrinella, var., *Flem.*

Emberiza pinguescens, *Brehm.*

Citrinella hortulana, *Kaup.*

Green-headed Bunting, *Mont.*

The Ortolan Bunting, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 40. f. 2.

Zinanni, Uova, t. 6. f. 25.

d. Cirlus.

5. Emberiza cirlus. The Cirl Bunting. B.M.

Emberiza cirlus, *Linn.*; *Hewit. Brit. Ool.* pl. 11. f. 1; *Schinz, Eier*, t. 35. f. 5; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 10.

Emberiza cleathorax, *Bechst.*

Cirlus ——, *Kaup.*

Cirl Bunting, *Mont.*; *Hewit. Eggs Brit. B.* pl. 40. f. 1.

2. PLECTROPHANES.

a. PLECTROPHANES.

1. PLECTROPHANES NIVALIS. The Snow Bunting. B.M.

Emberiza nivalis, *Linn.*; *Hewit. Brit. Ool.* pl. 11. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 9. f. 13; *Schinz, Eier*, t. 35. f. 6; *Lefevre, Ool. Eur.* t.
Emberiza montana, *Gmel.*
Emberiza glacialis, *Lath.*
Emberiza mustelina, *Gmel.*
Hortulanus glacialis, *Leach.*
Hortulanus montanus, *Leach.*
Plectrophanes nivalis, *Meyer*; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 15.
Plectrophanes borealis, Plectrophanes montanus, et Plectrophanes mustelinus, *Brehm.*
Snow Bunting, *Bew.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 38.
Tawny Bunting, *Bew.*; *Lew. Br. B. & Eggs*, i. pl. 11. f. 3.

b. CENTROPHANES.

2. PLECTROPHANES LAPPONICA. The Lapland Bunting.

Emberiza lapponica, *Nils.*
Fringilla calcarata, *Pall.*
Fringilla lapponica, *Gmel.*
Emberiza calcarata, *Temm.*
Centrophanes lapponica, *Kaup.*
Plectrophanes lapponica, *Selby.*
Plectrophanes calcaratus, *Meyer.*
The Lapland Bunting, *Yarr.*

iv. ALAUDINÆ.

1. ALAUDA.

a. ALAUDA.

1. ALAUDA ARVENSIS. The Skylark. B.M.

Alauda arvensis, *Linn.*; *Hewit. Brit. Ool.* pl. 139. f. 1, 2, 3; *Thienem. Fortpfl. Vög. Eur.* t. 8. f. 14; *Schinz, Eier*,

t. 33. f. 15; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 11; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 19.
Alauda vulgaris, *Leach.*
Alauda cœlipeta, *Pall.*
Alauda segetum, Alauda montana, et Alauda agrestis. *Brehm.*
Alauda italica, *Gmel.*
The Skylark, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 14. f. 3; *Bolt. Harm. rur.* pl. 42; *Hewit. Eggs Brit. B.* pl. 37. f. 1, 2.

Günther, Eierw. t. 28; *Zinanni, Uova*, t. 8. f. 43; *Klein, Ova Av.* t. 9. f. 1.

b. Galerida.

2. Alauda arborea. The Wood Lark. B.M.

Alauda arborea, *Linn.*; *Hewit. Brit. Ool.* pl. 139. f. 4, 5; *Thienem. Fortpfl. Vög. Eur.* t. 8. f. 15; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 12; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 23.
Alauda nemorosa, *Gmel.*; *Naum. Eierw.* t. 6. f. 10 *a*, *b*; *Schinz, Eier*, t. 33. f. 18.
Alauda cristatella, *Lath.*
Lullula arborea, *Kaup.*
Galerida nemorosa et Galerida arborea, *Brehm.*
Wood Lark, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 14. f. 4; *Bolt. Harm. rur.* pl. 44; *Hewit. Eggs Brit. B.* pl. 37. f. 3.
Lesser Crested Lark, *Mont.*

Günther, Eierw. t. 9. upp. fig.; *Klein, Ova Av.* t. 9. f. 5.

3. Alauda cristata. The Crested Lark. B.M.

Alauda cristata, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 8. f. 12; *Schinz, Eier*, t. 33. f. 14; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 20.
Alauda galerita, *Pall.*
Alauda undata, *Gmel.*
Galerida cristata, *Boie.*
Galerida viarum, *Brehm.*
Galerida undata, *Boie.*
Lullula cristata, *Kaup.*
The Crested Lark, *Yarr.*

Günther, Eierw. t. 97; *Zinanni, Uova*, t. 9. f. 56; *Klein, Ova Av.* t. 9. f. 4.

c. Calandrella.

4. Alauda brachydactyla. The Short-toed Lark. B.M.

Alauda brachydactyla, *Leisl.*; *Thienem. Fortpfl. Vög. Eur.* t. 8. f. 16; *Schinz, Eier*, t. 33. f. 17; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 21.
Alauda arenaria, *Vieill.*
Alauda pispoletta, *Pall.*
Melanocorypha arenaria, *Pr. Bonap.*
Phileremos brachydactyla, *Keys. & Bl.*
Calandrella brachydactyla, *Kaup.*
Melanocorypha itala et Melanocorypha brachydactyla, *Brehm.*
Alauda calandrella, *Bon.*; *Savi.*
Short-toed Lark, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 37*.

2. OTOCORIS.

1. Otocoris alpestris. The Shore Lark.

Alauda alpestris, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 8. f. 13; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 22.
Otocoris alpestris, *G. R. Gr.*
Alauda flava, *Gmel.*
Alauda nivalis, *Pall.*
Eremophila cornuta, *Boie.*
Alauda cornuta, *Swains.*
Alauda chrysolæma, *Wagl.*
Phileremos alpestris, *Brehm.*
The Shore Lark, *Eyton*; *Yarr.*

v. Pyrrhulinæ.

1. PYRRHULA.

1. Pyrrhula rubicilla. The Bullfinch. B.M.

Loxia Pyrrhula, *Linn.*; *Müll. Sing-Vög. Teutschl. Nest. u. Eiern*, t. 6; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 4.
Emberiza coccinea, *Sander.*
Fringilla pyrrhula, *Temm.*; *Schinz, Eier*, t. 35. f. 15.
Pyrrhula europæa, *Leach.*

Pyrrhula rubicilla, *Pall.*
Pyrrhula vulgaris, *Temm.*; *Hewit. Brit. Ool.* pl. 43. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 9. f. 16; *Lefevre, Ool. Eur.* t. .
Pyrrhula rufa, *Koch.*
Pyrrhula major, Pyrrhula germanicus, et Pyrrhula peregrina, *Brehm.*
Pyrrhula pileata, *Macgill.*
Bullfinch, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 11. f. 2; *Renn. Bird-Arch.* p. 151; *Bolt. Harm. rur.* pl. 12; *Hewit. Eggs Brit. B.* pl. 46. f. 1.
Bullfinch Grosbeak, *Selby.*

Günther, Eierw. t. 54; *Zinanni, Uova*, t. 8. f. 48.

2. STROBILOPHAGA.

1. STROBILOPHAGA ENUCLEATOR. The Pine Grosbeak.

Loxia enucleator, *Linn.*; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 7.
Fringilla enucleator, *Temm.*; *Schinz, Eier*, t. 36. f. 15.
Loxia psittacea, *Pall.*
Loxia flamingo, *Sparr.*
Pyrrhula enucleator, *Temm.*
Strobilophaga enucleator, *Vieill.*
Pyrrhula (Corythus) enucleator, *Keys. & Bl.*
Corythus enucleator, *Cuv.*
Corythus angustirostris, *Brehm.*
The Pine Grosbeak, *Bew.*

vi. LOXINÆ.

1. LOXIA.

1. LOXIA CURVIROSTRA. The Common Crossbill.

Loxia curvirostra, *Linn.*; *Hewit. Brit. Ool.* pl. 135; *Thienem. Fortpfl. Vög. Eur.* t. 9. f. 15; *Schinz, Eier*, t. 35. f. 12.
Crucirostra europæa, *Leach.*
Crucirostra abietina, *Meyer*; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 5, 6.
Crucirostra media, Crucirostra montana, et Crucirostra pinetorum, *Brehm.*
Loxia europæa, *Macgill.*
The Crossbill, *Bew.*; *Hewit. Eggs Brit. B.* pl. 46. f. 2.
Cross-billed Grosbeak, *Penn.*
Common Crossbill, *Selby*; *Yarr.*

2. Loxia pytiopsittacus. The Parrot Crossbill.

Loxia pytiopsittacus, *Bechst.*; *Thienem. Fortpfl. Vög. Eur.* t. 9. f. 14; *Schinz, Eier*, t. 35. f. 13.
Crucirostra pinetorum, *Meyer.*
Crucirostra pytiopsittacus et Crucirostra subpytiopsittacus, *Brehm.*
Parrot Crossbill, *Selby*; *Yarr.*

3. Loxia leucoptera. The White-winged Crossbill.

Loxia leucoptera, *Gmel.*
Loxia falcirostra, *Lath.*
Loxia curvirostra, pt. *Naum.*
Loxia bifasciata, *Nils.*
Crucirostra bifasciata, *Brehm.*
Loxia tænioptera, *Glog.*
Crucirostra tænioptera, *Brehm.*
The White-winged Crossbill, *Penn.*; *Yarr.*
White-winged Grosbeak, *Mont.*

Order III. SCANSORES.

Fam. I. PICIDÆ.

i. Picinæ.

?1. PICOIDES.

?1. Picoides tridactylus. The Northern Three-Toed Woodpecker.

Picus tridactylus, *Linn.*; *Schinz, Eier*, t. 29. f. 11.
Picus hirsutus, *Vieill.*
Dryobates tridactylus, *Boie.*
Tridactylia hirsuta, *Steph.*
Picus (Apternus) tridactylus, *Swains.*
Picoïdes alpinus et Picoïdes montanus, *Brehm.*
Picoïdes tridactylus, *Kaup.*
Apternus americanus, *Swains.*
Apternus tridactylus (*Sw.*), *Pr. Bonap.*

2. PICUS.

1. PICUS MAJOR. The Great Spotted Woodpecker. B.M.

Picus major, *Linn.*; *Hewit. Brit. Ool.* pl. 95. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 11. f. 4; *Naum. Eierw.* t. 1. f. 4; *Schinz, Eier*, t. 29. f. 8; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 24.
Dendrocopus major, *Koch.*
Dryobates major, *Boie.*
Picus cissa, *Pall.*
Picus pinetorum, Picus pityopicus, Picus frondium, et Picus montanus, *Brehm.*
Picus pipra, *Macgill.*
Great Spotted Woodpecker, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 8. f. 3; *Hewit. Eggs Brit. B.* pl. 52. f. 3.
Middle Spotted Woodpecker, *Bew.*

Günther, Eierw. t. 61; *Zinanni, Uova*, t. 11. f. 64; *Klein, Ova Av.* t. 4. f. 3.

2. PICUS MINOR. The Lesser Spotted Woodpecker. B.M.

Picus minor, *Linn.*; *Hewit. Brit. Ool.* pl. 95. f. 3; *Thienem. Fortpfl. Vög. Eur.* t. 11. f. 6; *Schinz, Eier*, t. 29. f. 10; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 25.
Dendrocopus minor, *Koch.*
Dryobates minor, *Boie.*
Picus hortorum, *Brehm.*
Picus striatus, *Macgill.*
Picus pipra, *Pall.*
Lesser Spotted Woodpecker, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 8. f. 4; *Hewit. Eggs Brit. B.* pl. 52. f. 4.
Least Spotted Woodpecker, *Penn.*

Klein, Ova Av. t. 4. f. 4.

? 3. PICUS VILLOSUS. The Hairy Woodpecker.

Picus villosus, *Linn.*
Dryobates villosus, *Boie.*
Picus (Dendrocopus) villosus, *Swains.*
Hairy Woodpecker, *Mont.*

3. DRYOCOPUS.

1. DRYOCOPUS MARTIUS. The Great Black Woodpecker.

Picus martius, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 11. f. 1; *Naum. Eierw.* t. 7. f. 9; *Schinz, Eier,* t. 29. f. 5; *Oken, Naturg. Nest. u. Eier,* t. 3. f. 21.
Dryocopus martius, *Boie.*
Dendrocopus pinetorum et Dendrocopus martius, *Brehm.*
Carbonarius martius, *Kaup.*
Dryotomus martius, *Swains.*
Picus (Dryocopus) martius, *Keys. & Bl.*
Great Black Woodpecker, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 52. f. 1.

ii. GECININÆ.

1. GECINUS.

1. GECINUS VIRIDIS. The Green Woodpecker. B.M.

Picus viridis, *Linn.*; *Hewit. Brit. Ool.* pl. 95. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 11. f. 2; *Naum. Eierw.* t. 7. f. 10; *Schinz, Eier,* t. 29. f. 7; *Oken, Naturg. Nest. u. Eier,* t. 3. f. 22.
Picus (Gecinus) viridis, *Keys. & Bl.*
Gecinus viridis, *Boie.*
Gecinus pinetorum, Gecinus frondium, et Gecinus virescens, *Brehm.*
Brachylophus viridis, *Swains.*
Green Woodpecker, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs,* pl. 8. f. 5; *Hewit. Eggs Brit. B.* pl. 52. f. 2.
Günther, Eierw. t. 5. low. fig.; *Zinanni, Uova,* t. 11. f. 65; *Klein, Ova Av.* t. 4. f. 1.

iii. YUNCINÆ.

1. YUNX.

1. YUNX TORQUILLA. The Wryneck. B.M.

Yunx torquilla, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 11. f. 7; *Naum. Eierw.* t. 2. f. 16.
Jynx torquilla, *Linn.*; *Schinz, Eier,* t. 29. f. 4; *Graves, Ov. Br.* pl. f. 3; *Oken, Naturg. Nest. u. Eier,* t. 3. f. 20.

Jynx arborea et Jynx punctata, *Brehm.*
The Wryneck, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, i. pl. 8. f. 2; *Hewit. Eggs Brit. B.* pl. 53. f. 1.

Zinanni, Uova, t. 11. f. 63; *Klein, Ova Av.* t. 4. f. 5.

Fam. II. CUCULIDÆ.

? i. Coccyzinæ.

? 1. COCCYZUS.

? 1. Coccyzus americanus. The Yellow-billed American Cuckow.

Cuculus americanus et Cuculus dominicus, *Linn.*
Cuculus carolinensis, *Wils.*
Cuculus cinerosus, *Temm.*
Coccyzus americanus, *Jenyns*; *Hewit. Brit. Ool.* pl. 149.
Cureus americanus, *Boie.*
Erythrophrys carolinensis, *Swains.*
Erythrophrys americanus, *Pr. Bonap.*
Coccystes americanus, *Keys. & Bl.*
Coccyzus pyropterus, *Vieill.*
The Yellow-billed American Cuckoo, *Yarr.*
Virginian Cuckoo, *Eyton.*
American Cuckoo, *Hewit. Eggs Brit. B.* pl. 55. f. 2.

ii. Cuculinæ.

1. CUCULUS.

a. Cuculus.

1. Cuculus canorus. The Common Cuckow.

Cuculus canorus, *Linn.*; *Hewit. Brit. Ool.* pl. 55; *Thienem. Fortpfl. Vög. Eur.* t. 10. f. 15, 16; *Naum. Eierw.* t. 3. f. 11 *a—d*; *Schinz, Eier*, t. 31. f. 5, 6; *Graves, Ov. Br.* pl. . f. 1; *Oken, Naturg. Nest. u. Eier*, t. 3. f. 28, 29.
Cuculus rufus, *Bechst.*
Cuculus hepaticus, *Lath.*
Cuculus borealis, *Pall.*

Cuculus cinereus, *Brehm.*
The Cuckoo, *Bew.*; *Lew. Br. B. & Eggs*, i. pl. 8. f. 1; *Hewit. Eggs Brit. B.* pl. 55. f. 1.
Common Cuckow, *Mont.*
Common Cuckoo, *Penn.*; *Yarr.*

?2. OXYLOPHUS.

?1. OXYLOPHUS GLANDARIUS. The Great Spotted Cuckow.

Cuculus glandarius, *Linn.*
Coccyzus pisanus, *Vieill.*
Cuculus macrourus et Cuculus gracilis, *Brehm.*
Cuculus pisanus, *Gmel.*
Coccysus glandarius, *Savi.*
Oxylophus glandarius, *Pr. Bonap.*
Coccystes glandarius, *Keys. & Bl.*
The Great Spotted Cuckow, *Yarr.*

ORDER IV. COLUMBÆ.

FAM. I. COLUMBIDÆ.

i. COLUMBINÆ.

1. COLUMBA.

a. PALUMBUS.

1. COLUMBA PALUMBUS. The Ring Dove. B.M.

Columba palumbus, *Linn.*; *Hewit. Brit. Ool.* pl. 18. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 12. f. 4; *Schinz, Eier*, t. 28. f. 8; *Graves, Ov. Br.* pl. . f. 1; *Oken, Naturg. Nest. u. Eier*, t. 4. t. 27.
Columba torquata, *Leach.*
Palumbus ——, *Kaup.*
Ring Dove, *Bew.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 60. f. 1.
Ring Pigeon, *Lew. Br. B. & Eggs*, pl. 19. f. 2.

Günther, Eierw. t. 32; *Zinanni, Uova*, t. 4. f. 14.

b. Columba.

2. Columba ænas. The Stock Dove. B.M.

Columba ænas, *Gmel.*; *Hewit. Brit. Ool.* pl. 40. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 12. f. 5; *Naum. Eierw.* t. 9. f. 2; *Graves, Ov. Br.* pl. . f. 2; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 26.
Wood Pigeon, *Eyton.*
Stock Dove, *Penn.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 60. f. 2.
Stock Pigeon, *Lew. Br. B. & Eggs*, pl. 19. f. 1.

Günther, Eierw. t. 32; *Zinanni, Uova*, t. 4. f, 12, 13.

3. Columba livia. The Rock Dove. B.M.

Columba livia. *Briss.*; *Hewit. Brit. Ool.* pl. 18. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 12. f. 6.
Columba domestica, *Gmel.*
Columba ænas, *Linn.*
The Wild Pigeon, *Bew.*
Rock Dove, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 60. f. 3.
Common Pigeon, *Penn.*

Günther, Eierw. t. 88.

?2. ECTOPISTES.

?1. Ectopistes migratorius. The Passenger Pigeon. B.M.

Columba migratoria et Columba canadensis, *Linn.*
Ectopistes migratorius, *Swains.*
Passenger Pigeon, *Flem.*; *Yarr.*
Migratory Pigeon, *Eyton.*

3. TURTUR.

1. Turtur auritus. The Turtle Dove. B.M.

Columba turtur, *Linn.*; *Hewit. Brit. Ool.* pl. 40. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 12. f. 7; *Naum. Eierw.* t. 9. f. 3; *Graves, Ov. Br.* pl. . f. 3; *Oken, Naturg. Nest. u. Eier*, t. 4. f. 25.
Turtur auritus, *G. R. Gr.*
Peristera turtur, *Boie.*
Turtur migratorius, *Selby.*
Turtur vulgaris, *Eyton.*

Turtle Dove, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 19. f. 3; *Renn. Bird-Arch.* p. 119; *Hewit. Eggs Brit. B.* pl. 60. f. 4.
Turtle, *Penn.*
Zinanni, Uova, t. 4. f. 15.

The late Mr. Donovan, in his work on 'British Birds,' has figured a species of Turtle, under the name of *Columba albonotata*, pl. 149. Latham, in his 'History of Birds,' has referred to it as a variety of Common Turtle. The example from which the figure was made, is said to have been shot in Buckinghamshire.

Order V. GALLINÆ.

Fam. I. PHASIANIDÆ.

? i. Pavoninæ.

? 1. PAVO.

? 1. Pavo cristatus. The Crested Peacock. B.M.

Pavo cristatus, *Linn.*; *Schinz, Eier*, t. 25. f. 7.
Pavo cristatus, domesticus, *Temm.*
The Peacock, *Bew.*
Günther, Eierw. t. 22; *Zinanni, Uova*, t. 1; *Klein, Ova Av.* t. 14. f. 1, 2.

ii. Phasianinæ.

1. PHASIANUS.

a. Phasianus.

? 1. Phasianus colchicus. The Common Pheasant. B.M

Phasianus colchicus, *Linn.*; *Hewit. Brit. Ool.* pl. 33; *Naum Eierw.* t. 8. f. 2; *Schinz, Eier*, t. 28. f. 1.
The Pheasant, *Bew.*; *Hewit. Eggs Brit. B.* pl. 61.
Common Pheasant, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 20. f. 1.

Var. Bohemian Pheasant, *Jenyns*; *Yarr.*
Var. Phasianus torquatus, *Gmel.*
Ring or Ring-necked Pheasant, *Mont.*
Common Pheasant, variety of, *Yarr.*

Günther, Eierw. t. 16; *Zinanni, Uova,* t. 2. f. 5; *Klein, Ova Av.* t. 13. f. 7, 8.

? 2. GALLUS.

? 1. GALLUS BANKIVA, var. B.M.

Gallus domesticus, *Temm.*
Phasianus gallus, *Linn.*
Gallus Bankiva, *G. R. Gr.*
Gallus gallinaceus, *Pall.*
The Domestic Cock, *Bew.*

Var. β. *cristatus.* Crested Cock.
γ. *pusillus.* Bantam Cock.
δ. *pumilio.* Dwarf Cock.
ε. *pentadactylus.* Dorking Cock.

Zinanni, Uova, t. 3. f. 9, 10. t. 4. f. 11.

iii. MELEAGRINÆ.

? 1. MELEAGRIS.

? 1. MELEAGRIS GALLOPAVO. The Turkey. B.M.

Meleagris gallopavo, *Linn.*; *Schinz, Eier,* t. 25. f. 6; *Graves, Ov. Br.* pl. . f. 1, 2.
Meleagris fera, *Vieill.*
The Turkey, *Bew.*
Turky, *Penn.*

Zinanni, Uova, t. 2. f. 3; *Klein, Ova Av.* t. 13. f. 1.

? 2. NUMIDA.

a. NUMIDA.

? 1. NUMIDA MELEAGRIS. The Pintado. B.M.

Numida meleagris, *Linn.*; *Schinz, Eier,* t. 25. f. 3.
The Pintado, *Bew.*

Günther, Eierw. t. 94; *Zinanni, Uova,* t. 2. f. 4; *Klein, Ova Av.* t. 13. f. 5, 6.

Fam. II. TETRAONIDÆ.

i. Perdicinæ.

? 1. CACCABIS.

a. Caccabis.

? 1. Caccabis rufa. The Red-legged Partridge. B.M.

Tetrao rufus, *Linn.*
Perdix rufa, *Lath.*; *Graves, Ov. Br.* pl. . f. 1; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 27.
Perdix rubra, *Briss.*; *Hewit. Brit. Ool.* pl. 85; *Thienem. Fortpfl. Vög. Eur.* t. 13. f. 2; *Schinz, Eier*, t. 27. f. 3; *Lefevre, Ool. Eur.* t. .
Caccabis rufa, *G. R. Gr.*
Guernsey Partridge, *Mont.*
Red-legged Partridge, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 64. f. 2.

b. Alectoris.

? 2. Caccabis petrosa. The Barbary Partridge. B.M.

Tetrao petrosus, *Gmel.*
Perdix petrosa, *Lath.*; *Thienem. Fortpfl. Vög. Eur.* t. 13. f. 3; *Schinz, Eier*, t. 27. f. 2.
Caccabis petrosa, *G. R. Gr.*
Alectoris petrosa, *Kaup.*
The Barbary Partridge, *Yarr.*

2. PERDIX.

1. Perdix cinerea. The Common Partridge. B.M.

Tetrao perdix, *Linn.*
Perdix cinerea, *Lath.*; *Hewit. Brit. Ool.* pl. 84; *Thienem. Fortpfl. Vög. Eur.* t. 13. f. 4; *Naum. Eierw.* t. 4. f. 2. *a*, *b*; *Schinz, Eier*, t. 27. f. 4; *Graves, Ov. Br.* pl. . f. 2; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest u. Eier*, t. 6. f. 21.
Perdix vulgaris, *Leach.*
Starna cinerea, *Pr. Bonap.*
Perdix cinerascea, *Brehm.*
The Partridge, *Bew.*; *Hewit. Eggs Brit. B.* pl. 64. f. 1.
Common Partridge, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 22. f. 1.

Günther, Eierw. t. 46; *Zinanni, Uova*, t. 3. f. 8; *Klein, Ova Av.* t. 15. f. 5.

3. COTURNIX.

1. COTURNIX COMMUNIS. The Common Quail. B.M.

Tetrao coturnix, *Linn.*; *Müll. Sing.-Vög. Teutschl. Nest. u. Eiern*, t. 25.
Perdix coturnix, *Lath.*; *Hewit. Brit. Ool.* pl. 29; *Thienem. Fortpfl. Vög. Eur.* t. 13. f. 5; *Naum. Eierw.* t. 5. f. 2. a–c; *Schinz, Eier.* t. 27. f. 5; *Graves, Ov. Br.* pl. . f. ; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier.* t. 5. f. 31.
Coturnix communis, *Bonn.*
Coturnix dactylisonans, *Meyer.*
Coturnix vulgaris, *Flem.*
Ortygion coturnix, *Keys. & Bl.*
Coturnix major, *Briss.*
Coturnix media et Coturnix minor, *Brehm.*
The Quail, *Bew.*; *Lew. Br. B. and Eggs*, pl. 22. f. 2; *Hewit. Eggs Brit. B.* pl. 65. f. 2, 3.
Common Quail, *Bew.*

Günther, Eierw. t. 35; *Zinanni, Uova*, t. 5. f. 19; *Klein, Ova Av.* t. 15. f. 6.

? ii. TURNICINÆ.

? 1. TURNIX.

? 1. TURNIX AFRICANUS. The Andalusian Quail.

Turnix africanus, *Desfont.*
Tetrao andalusicus, *Gmel.*
Turnix andalusica, *Bonn.*
Perdix andalusicus, *Lath.*
Hemipodius andalusicus, *Boie.*
Hemipodius tachydromus, *Temm.*
Ortygis andalusica, *Keys. & Bl.*
Andalusian Quail, *Newm.*
The Andalusian Hemipode, *Yarr.*

? iii. ODONTOPHORINÆ.

? 1. ORTYX.

? 1. ORTYX VIRGINIANA. The Virginian Colin. B.M.

Tetrao virginianus et Tetrao marilandus, *Linn.*
Perdix virginiana, *Lath.*

Perdix borealis, *Temm.*
Ortyx borealis, *Steph.*
Ortyx virginiana, *Macgill.*; *Hewit. Brit. Ool.* pl. 166.
Ortygia marilandica, *Boie.*
American Partridge, *Mont.*
The Virginian Colin, *Yarr.*
Virginian Quail, *Hewit. Eggs Brit. B.* pl. 65. f. 1.

iv. Tetraoninæ.

1. TETRAO.

a. Urogallus.

1. Tetrao urogallus. The Wood Groùs. B.M.

Tetrao urogallus, *Linn.*; *Hewit. Brit. Ool.* pl. 54. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 12. f. 8; *Naum. Eierw.* t. 3. f. 1; *Schinz. Eier.* t. 25. f. 1, 2; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 8. f. 10.
Tetrao major, Tetrao crassirostris, et Tetrao maculatus, *Brehm.*
Urogallus ———, *Kaup.*
Wood Grous, *Mont.*; *Hewit. Eggs Brit. B.* pl. 62. f. 1.
The Capercaillie, *Yarr.*

Günther, Eierw. t. 8; *Klein, Ova Av.* t. 15. f. 1.

?2. Tetrao hybridus. The Spurious Grous.

Tetrao medius, *Meyer.*
Tetrao intermedius, *Langsd.*
Tetrao hybridus, *Linn.*
Hybridus Grous, *Mont.*

Klein, Ova Av. t. 15. f. 2.

b. Lyrurus.

3. Tetrao tetrix. The Black Grous. B.M.

Tetrao tetrix, *Linn.*; *Hewit. Brit. Ool.* pl. 54. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 12. f. 9; *Naum. Eierw.* t. 2. f. 5; *Schinz, Eier*, t. 25. f. 4; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 8. f. 1.
Urogallus tetrix, *Kaup.*
Tetrao juniperorum et Tetrao rupestris, *Brehm*

Lyrurus tetrix, *Swains.*
The Black Grous, *Bew.*; *Hewit. Eggs Brit. B.* pl. 62. f. 2.
Black Grous, *Mont.*; *Lew. Br. B. & Eggs*, p. 20. f. 2.

Günther, Eierw. t. 34; *Klein, Ova Av.* t. 15. f. 3.

2. LAGOPUS.

a. OREIAS.

1. LAGOPUS SCOTICUS. The Red Grous. B.M.

Tetrao lagopus, *Gmel.*
Tetrao scoticus, *Lath.*; *Hewit. Brit. Ool.* pl. 93; *Thienem. Fortpfl. Vög. Eur.* t. 12. f. 11; *Schinz, Eier*, t. 26, f. 7; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 8. f. 13.
Lagopus scoticus, *Leach.*
Tetrao saliceti, var., *Temm.*
Tetrao saliceti, scoticus, *Schleg.*
Orcias scoticus, *Kaup.*
Red-Grous, *Bew.*; *Lew. Br. B. & Eggs*, pl. 21. f. 2.
The Red Grouse, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 63. f. 1, 2.

b. LAGOPUS.

2. LAGOPUS ALBUS. The Ptarmigan. B.M.

Tetrao lagopus, *Linn.*; *Hewit. Brit. Ool.* pl. 141; *Naum. Eierw.* t. 4. f. 9; *Schinz, Eier*, t. 26. f. 1, 2; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 8. f. 14.
Tetrao helveticus, *Thienem. Fortpfl. Vög. Eur.* t. 12. f. 13.
Tetrao lagopus, *Thienem. l. c.* t. 12. f. 14.
Lagopus mutus, *Leach.*
Tetrao alpinus, *Nils.*
Lagopus alpinus, *Nils.*
Lagopus vulgaris, *Vieill.*
Tetrao rupestris (Gmel.), *Jenyns*,
Tetrao montanus, *Brehm.*
Lagopus montanus, *Brehm.*
Lagopus albus, *Boie*,
Lagopus cinereus, *Macgill.*
White Grouse, *Bew.*
Rock Grouse, *Eyton.*
Ptarmigan, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 21. f. 1; *Hewit. Eggs Brit. B.* pl. 63. f. 3.

Order VI. STRUTHIONES.

Fam. I. STRUTHIONIDÆ.

i. Otidinæ.

1. OTIS.

1. Otis tarda. The Great Bustard. B.M.

Otis tarda, *Linn.*; *Hewit. Brit. Ool.* pl. 88; *Thienem. Fortpfl. Vög. Eur.* t. 13. f. 7; *Naum. Eierw.* t. 5. f. 1 *a*, *b*; *Schinz. Eier*, t. 28. f. 4; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 8. f. 1.
Otis major, *Brehm.*
Great Bustard, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 23. f. 1; *Hewit. Eggs Brit. B.* pl. 66. f. 1.
Günther, Eierw. t. 43; *Klein, Ova Av.* t. 3. f. 1.

2. Otis tetrax. The Little Bustard. B.M.

Otis tetrax, *Linn.*; *Hewit. Brit. Ool.* pl. 130; *Schinz, Eier*, t. 28. f. 5; *Lefevre, Ool. Eur.* t. .
Tetrax campestris, *Leach.*
Otis tetrao, *Macgill.*
Little Bustard, *Bew.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 66. f 2.
Lesser Bustard, *Penn.*

? 2. EUPODOTIS.

? 1. Eupodotis undulata. The Ruffed Bustard.

Eupodotis undulata et Houbara undulata, *G. R. Gr.*
Otis houbara, *Gmel.*
Psophia undulata, *Jacq.*
Otis Macqueenii, (Gray) *Gould.*
Chlamydotis houbara, *Less.*
Little Bustard, *Roberts.*

Order VII. GRALLÆ.

Fam. I. CHARADRIDÆ.

i. Œdicneminæ.

1. ŒDICNEMUS.

1. Œdicnemus crepitans. The Great Plover. B.M.

Charadrius Œdicnemus, *Linn.*; *Naum. Eierw.* t. 2. f. 3 *a*, *b*; *Schinz, Eier*, t. 5. f. 4, 5.
Otis Œdicnemus, *Lath.*
Œdicnemus crepitans, *Temm.*; *Hewit. Brit. Ool.* pl. 67; *Thienem. Fortpfl. Vög. Eur.* t. 14. f. 1; *Leferre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 13.
Fedoa Œdicnemus, *Leach.*
Œdicnemus Belloni, *Flem.*
Œdicnemus desertorum et Œdicnemus arenarius, *Brehm.*
Œdicnemus griseus, *Koch.*
The Great Plover, *Bew.*; *Yarr.*
Thick-kneed Bustard, *Mont.*; *Lew. Br. B. & Eggs*, pl. 23, f. 2.
Common Thick-knee, *Selby.*
Norfolk Plover, *Hewit. Eggs Brit. B.* pl. 67.

ii. Cursorinæ.

1. CURSORIUS.

1. Cursorius gallicus. The Cream-coloured Courser.

Cursorius gallicus, *Gmel.*
Cursorius europæus, *Lath.*
Cursorius isabellinus, *Meyer.*
Tachydromus gallicus, *Ill.*
Cursor isabellinus, *Wagl.*
Cursor europæus, *Naum.*
Cream-coloured Plover, *Mont.*
Cream-coloured Swiftfoot, *Selby.*
Cream-coloured Courser, *Yarr.*

iii. Glareolinæ.

1. GLAREOLA.

1. Glareola pratincola. The Collared Pratincole. B.M.

Hirundo pratincola, *Linn.*
Glareola austriaca, Glareola nævia, et Glareola senegalensis, *Gmel.*
Glareola torquata, *Meyer*; *Hewit. Brit. Ool.* pl. 160; *Thienem. Fortpfl. Vög. Eur.* t. 13. f. 6; *Schinz, Eier*, t. 24. f. 6.
Glareola pratincola, *Leach.*
Austrian Pratincole, *Mont.*
Collared Pratincole, *Selby*; *Yarr. Brit. B.* 2 edit. ii. p. 446.
Pratincole, *Hewit. Eggs Brit. B.* pl. 67*.

iv. Charadrinæ.

1. VANELLUS.

1. Vanellus cristatus. The Crested Lapwing. B.M.

Tringa vanellus, *Linn.*; *Graves, Ov. Br.* pl. f. 2, 3.
Vanellus vulgaris, *Bechst.*
Charadrius vanellus, *Wagl.*
Vanellus gavia, *Leach.*
Vanellus bicornis, *Brehm.*
Vanellus cristatus, *Meyer*; *Hew. Brit. Ool.* pl. 1; *Thienem. Fortpfl. Vög. Eur.* t. 14. f. 9; *Naum. Eierw.* t. 6. f. 8 *a*, *b*; *Schinz, Eier*, t. 3. f. 5, 6; *Leferre, Ool, Eur.* t. ; *Oken. Naturg. Nest. u. Eier*, t. 6. f. 20
The Pee-wit, *Bew.*; *Hewit. Eggs Brit. B.* pl. 70.
Lapwing, *Mont.*; *Lew. Br. B. & Eggs*, pl. 29. f. 2.
Lapwing Sandpiper, *Penn.*
Crested or Green Lapwing, *Selby.*
The Peewit or Lapwing, *Yarr.*

Günther, Eierw. t. 31; *Klein, Ova Av.* t. 6. f. 2.

2. SQUATAROLA.

1. Squatarola helvetica. The Grey Plover.

Tringa squatarola, Tringa varia, et Tringa helvetica, *Linn.*
Charadrius hypomelas et Charadrius pardela, *Pall.*

Vanellus melanogaster, *Bechst.*; *Schinz, Nester u. Eier*, t. 24. f. 4.
Charadrius squatarola, *Naum.*
Squatarola helvetica, *Brehm.*
Squatarola grisea, *Leach.*
Squatarola cinerea (*Cuv.*), *Flem.*
Squatarola varia, *Boie.*
Vanellus griseus, *Jenyns.*
Pluvialis squatarola, *Macgill.*
Gray Plover, *Bew.*; *Yarr.*
Grey Sandpiper, *Mont.*; *Lew. Br. B. & Eggs*, pl. 30. f. 1.
Bastard or Grey Plover, *Selby.*

3. CHARADRIUS.

a. CHARADRIUS.

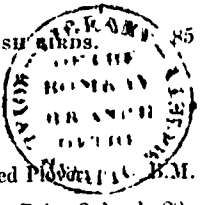
1. CHARADRIUS PLUVIALIS. The Golden Plover. B.M.

Charadrius pluvialis, *Linn.*; *Hewit. Brit. Ool.* pl. 46; *Thienem. Fortpfl. Vög. Eur.* t. 14. f. 4; *Lefevre, Ool. Eur.* t.
Charadrius auratus, *Suckow.*; *Schinz, Eier*, t. 5. f. 6; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 15.
Charadrius apricarius, *Linn.*
Charadrius altifrons, *Brehm.*
Pluvialis aurea, *Macgill.*
The Golden Plover, *Bew.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 68. f. 1.
Green Plover, *Lew. Br. B. & Eggs*, pl. 33. f. 1.

b. EUDROMIAS.

2. CHARADRIUS MORINELLUS. The Dotterel.

Charadrius morinellus, *Linn.*; *Hewit. Brit. Ool.* pl. 143; *Thienem. Fortpfl. Vög. Eur.* t. 14. f. 5; *Schinz, Eier*, t. 24. f. 3; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 19.
Charadrius sibiricus, *Gmel.*
Eudromias morinella (*Boie*), *Brehm.*
Eudromias montana et Eudromias stolida, *Brehm.*
Pluvialis morinellus, *Macgill.*
The Dotterel, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 31. f. 2; *Hewit. Eggs Brit. B.* pl. 68. f. 2.
Dottrel, *Mont.*



c. Hiaticula.

3. Charadrius hiaticula. The Ringed Plover. B.M.

Charadrius hiaticula, *Linn.*; *Hewit. Brit. Ool.* pl. 28; *Thienem. Fortpfl. Vög. Eur.* t. 14. f. 6; *Schinz, Eier.* t. 5. f. 7; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 18.
Charadrius torquatus, *Leach.*
Ægialitis septentrionalis, *Brehm.*
Ægialitis hiaticula, *Boie.*
Hiaticula annulata et Hiaticula torquata, *G. R. Gr.*
The Ring Dotterel, *Bew.*
Ringed Plover, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 34. f. 1; *Hewit. Eggs Brit. B.* pl. 69. f. 1, 2.

4. Charadrius curonicus. The Little Ringed Plover. B.M.

Charadrius minor, *Meyer*; *Hewit. Brit. Ool.* pl. 152. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 14. f. 7; *Naum. Eierw.* t. 4. f. 8; *Schinz, Eier*, t. 5. f. 8; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 17.
Charadrius fluviatilis, *Bechst.*
Ægialitis fluviatilis, *Brehm.*
Charadrius curonicus, *Beseke.*
Ægialites curonicus, *Keys. & Bl.*
Charadrius hiaticula, *Pall.*
Charadrius intermedius, *Menetr.*
Charadrius zonatus, *Swains.*
Ægialitis minor, *Boie.*
The Little Ringed Plover, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 69. f. 4.

5. Charadrius cantianus. The Kentish Plover. B.M.

Charadrius cantianus, *Lath.*; *Hewit. Brit. Ool.* pl. 152. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 14. f. 8; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 16.
Charadrius albifrons, *Meyer*; *Schinz, Eier*, t. 5. f. 9.
Charadrius littoralis, *Bechst.*
Charadrius Alexandrinus, *Hassel.*
Ægialitis cantianus, *Boie.*
Ægialitis albifrons et Ægialitis albigularis, *Brehm.*
Kentish Plover, *Lewin*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 69. f. 3.

v. Hæmatopodinæ.

1. HÆMATOPUS.

1. Hæmatopus ostralegus. The Oyster-catcher. B.M.

Hæmatopus ostralegus, *Linn.*; *Hewit. Brit. Ool.* pl. 38; *Thienem. Fortpfl. Vög. Eur.* t. 14. f. 3; *Schinz, Eier*, t. 2. f. 2–5; *Graves, Ov. Br.* pl. . f. ; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 14.
Hæmatopus hypoleucus, *Pall.*
Hæmatopus balthicus et Hæmatopus orientalis, *Brehm.*
Ostralegus hæmatopus, *Macgill.*
Ostralegus vulgaris, *Less.*
Oyster-catcher, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 72.
Pied Oyster-catcher, *Penn.*; *Lew. Br. B. & Eggs*, pl. 35. f. 1.

vi. Cinclinæ.

1. CINCLUS.

1. Cinclus interpres. The Turnstone.

Strepsilas interpres, *Ill.*
Tringa interpres, *Linn.*; *Schinz, Eier*, t. 5. f. 2.
Tringa morinella, *Linn.*
Morinella collaris, *Meyer.*
Charadrius cinclus, *Pall.*
Strepsilas collaris, *Temm.*; *Hewit. Brit. Ool.* pl. 53; *Thienem. Fortpfl. Vög. Eur.* t. 14. f. 10.
Cinclus interpres et Cinclus morinellus, *G. R. Gr.*
Strepsilas borealis et Strepsilas littoralis, *Brehm.*
Turnstone, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 32. f. 2; *Hewit. Eggs Brit. B.* pl. 71.
Turnstone Sandpiper, *Penn.*

Fam. II. ARDEIDÆ.

? i. Psophinæ.

? 1. PSOPHIA.

? 1. Psophia crepitans. The Gold-breasted Trumpeter.

Psophia crepitans, *Linn.*; *Jenyns*; *Eyton.*
Grus psophia, *Pall.*
The Golden-breasted Trumpeter, *Mont.*

ii. Gruinæ.

1. GRUS.

1. Grus cinerea. The Common Crane.

Ardea grus, *Linn.*
Grus cinerea, *Bechst.*; *Hewit. Brit. Ool.* pl. 156; *Thienem. Fortpfl. Vög. Eur.* t. 14. f. 11; *Naum. Eierw.* t. 2. f. 1; *Schinz, Eier*, t. 6. f. 1; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 8. f. 18.
Grus cineracea, *Brehm.*
Grus communis, *Bechst.*
Grus vulgaris, *Pall.*
Crane, *Mont.*; *Hewit. Eggs Brit. B.* pl. 73.
Crane Heron, *Penn.*
Common Crane, *Selby*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 24. f. 1; *Klein, Ova Av.* t. 17. f. 1.

iii. Ardeinæ.

1. ARDEA.

a. Ardea.

1. Ardea cinerea. The Common Heron. B.M.

Ardea cinerea, *Linn.*; *Hewit. Brit. Ool.* pl. 119. f. 3; *Thienem. Fortpfl. Vög. Eur.* t. 15. f. 3; *Naum. Eierw.* t. 10. f. 8; *Schinz, Eier*, t. 1. f. 3; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 3.
Ardea major, *Linn.*

Ardea cineracea, *Brehm.*
Ardea rhenana, *Sander.*
Heron, *Bew.*; *Hewit. Eggs Brit. B.* pl. 74. f. 1.
Common Heron, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 25. f. 1.

Günther, Eierw. t. 44; *Zinanni, Uova*, t. 21. f. 101; *Klein, Ova Av.* t. 17. f. 3.

2. ARDEA PURPUREA. The Purple Heron. B.M.

Ardea purpurea, *Linn.*; *Hewit. Brit. Ool.* pl. 119. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 15. f. 4; *Schinz, Eier*, t. 1. f. 4; *Leferre, Ool. Eur.* t. ; *Oken, Natur. Nest. u. Eier*, t. 7. f. 4.
Ardea caspia, Ardea botaurus, Ardea rufa, Ardea purpurata, et Ardea rubiginosa, *Gmel.*
Ardea purpurascens, *Brehm.*
Ardea variegata, *Scop.*
Ardea ponticola, *La Peyr.*
African Heron, *Mont.*
Crested Purple Heron, *Selby.*
Purple Heron, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 74. f. 2.

b. HERODIAS.

3 ARDEA ALBA. The Great-White Heron.

Ardea alba, *Linn.*
Ardea egretta, (*Linn.*) *Temm.*
Ardea egrettoïdes, *Gmel.*
Erodius Victoriæ et Erodius albus, *Macgill.*
Herodias candida, *Brehm.*
Herodias egretta, *Boie.*
Egretta alba, *Swains.*
Great White Heron, *Mont.*; *Hewit. Eggs Brit. B.* pl. 75. f. 1.
White Heron, *Penn.*

4. ARDEA GARZETTA. The Little Egret.

Ardea Garzetta, *Linn.*
Ardea nivea, *S. G. Gmel.*
Herodias garzetta, *Boie.*
Garzetta ———, *Kaup.*
Egretta garzetta, *Pr. Bonap.*
Herodias jubata et Herodias nivea, *Brehm.*

Erodius garzetta, *Macgill.*
Egret, *Mont.*
Egret Heron, *Penn.*
Little Egret Heron, *Selby.*
The Little Egret, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 75. f. 2.

c. Buphus.

? 5. Ardea coromanda. The Buff-backed Heron.

Ardea russata, *Temm.*
Ardea coromanda, *Bodd.*
Egretta russata, *G. R. Gr.*
Ardea æquinoctialis, *Mont.*
Erodius russatus, *Macgill.*
Buphus russatus, *Boie.*
Ardea bubulcus, *Sav.*
Ardea Veranyi, *Roux.*
Ardea affinis, *Horsf.*
Ardea coromandelica, *Licht.*
Ardea coromandelensis, *Steph.*
Ardea bicolor et Ardea ruficapilla, *Vieill.*
Ardea leucocephala, *Cuv.*
Ardea caboga, *Frankl.*
Ardea lucida, *Rafinq.*
The Little White Heron, *Mont.*
The Buff-backed Heron, *Selby*; *Yarr.*

? 6. Ardea comata. The Squacco Heron.

Ardea ralloides, *Scop.*
Ardea comata, *Pall.*
Ardea squaiotta, Ardea castanea, et Ardea erythropus, *Gmel.*
Ardea audax, *La Peyr.*
Ardea Marsigli et Ardea pumila, *Lepechin.*
Egretta comata, *Swains.*
Botaurus comatus, *Macgill.*
Ardeola ralloides, *Boie.*
Cancrophagus ralloides, (*Boie*) *Kaup.*
Buphus comatus, *Boie.*
Buphus castaneus, Buphus ralloïdes, et Buphus Illyricus, *Brehm.*
Squacco Heron, *Penn.*; *Yarr.*
Squacco Heron, *Mont.*

d. Ardetta.

7. Ardea minuta. The Little Bittern. B.M.

Ardea minuta, *Linn.*; *Hewit. Brit. Ool.* pl. 109. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 15. f. 7; *Naum. Eierw.* t. 3. f. 5; *Schinz, Eier*, t. 1. f. 6; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 6.
Ardea danubialis et Ardea soloniensis, *Gmel.*
Botaurus minutus, *Boie.*
Botaurus pusillus, *Brehm.*
Ardeola minuta, *Pr. Bonap.*
Cancrophagus minutus, *Kaup.*
Butor minutus, *Swains.*
Little Bittern, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 76. f. 1.
Little Bittern Heron, *Penn.*

2. BOTAURUS.

?1. Botaurus lentiginosus. The American Bittern.

Ardea lentiginosa, *Mont.*
Ardea stellaris, var. *Lath.*
Botaurus freti Hudsonis, *Briss.*
Ardea minor, *Wils.*
Butor americana, *Swains.*
Ardea mokoho, *Vieill.*
Botaurus lentiginosus, *Steph.*
Freckled Heron, *Mont.*
American Bittern, *Selby*; *Yarr.*

2. Botaurus stellaris. The Common Bittern. B.M.

Ardea stellaris, *Linn.*; *Hewit. Brit. Ool.* pl. 109. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 15. f. 6; *Naum. Eierw.* t. 4. f. 6; *Schinz, Eier*, t. 1. f. 5.
Botaurus stellaris, *Steph.*
Botaurus lacustris et Botaurus arundinaceus, *Brehm.*
Butor stellaris, *Swains.*
Bittern, *Mont.*; *Lew. Br. B. & Eggs*, pl. 25. f. 2; *Hewit. Eggs Brit. B.* pl. 76. f. 2.
Common Bittern, *Selby*; *Yarr.*
Bittern Heron, *Penn.*

Zinanni, Uova, t. 20. f. 100; *Klein, Ova Av.* t. 18. f. 3.

3. NYCTICORAX.

1. NYCTICORAX GRISEUS. The Night Heron. B.M.

Ardea nycticorax, *Linn.*; *Hewit. Brit. Ool.* pl. 119. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 15. f. 5; *Naum. Eierw.* t. 10. f. 9.

Ardea grisea, *Linn.*
Nycticorax griseus, *G. R. Gr.*
Nyctiardea europæa, *Swains.*
Ardea (Scotaeus) nycticorax, *Keys. & Bl.*
Nycticorax europæus, *Steph.*
Nycticorax nycticorax, *Boie.*
Nycticorax orientalis, Nycticorax badius, et Nycticorax meridionalis, *Brehm.*
Nycticorax Gardeni, *Pr. Bonap.*
Nycticorax ardeola, *Temm.*
Nyctirodius nycticorax, *Macgill.*
Night Heron, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 74. f. 3.
Common Night Heron, *Selby.*
Gardenian Heron, *Penn.*

Klein, Ova Av. t. 18. f. 2.

? NYCTICORAX VIOLACEA. The Cayenne Night-Heron.

Ardea violacea, *Linn.*
Ardea cayanensis, *Lath.*
Ardea callocephala, *Wagl.*
Nycticorax cayanensis, *Selby.*
Cayenne Night Heron, *Selby.*
Yellow-crowned Heron, *Penn.*

4. PLATALEA.

1. PLATALEA LEUCORODIA. The White Spoonbill. B.M.

Platalea leucorodia, *Linn.*; *Hewit. Brit. Ool.* pl. 100; *Thienem. Fortpfl. Vög. Eur.* t. 16. f. 3; *Naum. Eierw.* t. 10. f. 7; *Schinz, Eier*, t. 1. f. 1; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 8.

Platea leucorodia, *Leach.*
Platalea nivea, *Cuv.*
Platalea leucorodius, *Glog.*
Spoonbill, *Bew.*; *Hewit. Eggs Brit. B.* pl. 78.
White Spoonbill, *Mont.*; *Yarr.*

Zinanni, Uova, t. 20. f. 99; *Klein, Ova Av.* t. 18. f. 4.

iv. Ciconinæ.

1. CICONIA.

1. Ciconia alba. The White Stork. B.M.

Ardea ciconia, *Linn.*
Ciconia alba, *Bechst.*; *Hewit. Brit. Ool.* pl. 121; *Thienem. Fortpfl. Vög. Eur.* t. 15. f. 1; *Naum. Eierw.* t. 8. f. 1; *Schinz, Eier,* t. 1. f. 2; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier,* t. 7. f. 1.
Ciconia albescens, Ciconia nivea, et Ciconia candida, *Brehm.*
Stork, *Mont.*; *Hewit. Eggs Brit. B.* pl. 77. f. 1.
Stork, or White Stork, *Bew.*; *Renn. Bird-Arch.* p. 145.
White, or Common Stork, *Selby.*
White Stork, *Yarr.*; *Lew. Br. B. & Eggs,* pl. 24. f. 2.
Klein, Ova Av. t. 17. f. 2.

Ciconia nigra. The Black Stork.

Ardea nigra, *Linn.*
Ciconia nigra, *Bechst.*; *Thienem. Fortpfl. Vög. Eur.* t. 15. f. 2; *Schinz, Eier,* t. 6. f. 2; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier,* t. 7. f. 2.
Ciconia fusca, *Brehm.*
Black Stork, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 77. f. 2.
Klein, Ova Av. t. 18. f. 1.

v. Tantalinæ.

1. IBIS.

1. Ibis falcinellus. The Glossy Ibis. B.M.

Tantalus igneus et Tantalus falcinellus, *Gmel.*
Ibis sacra, *Temm.*
Tantalus viridis, *Gmel.*
Numenius viridis, *S. G. Gmel.*
Plegadis falcinellus, *Kaup.*
Ibis ignea, *Leach.*
Tantalides falcinellus, *Wagl.*
Ibis falcinellus, *Temm.*
Ibis castaneus, *Brehm.*
Glossy Ibis, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 78*.

Fam. III. SCOLOPACIDÆ.

i. Limosinæ.

1. NUMENIUS.

a. Numenius.

1. Numenius arquata. The Common Curlew. B.M.

Scolopax arquata, *Linn.*
Numenius arquata, *Lath.*; *Hewit. Brit. Ool.* pl. 98; *Thienem. Fortpfl. Vög. Eur.* t. 16. f. 4; *Schinz, Eier*, t. 2. f. 1; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 9.
Numenius major, *Steph.*
Numenius medius, *Brehm.*
Curlew, *Bew.*; *Hewit. Eggs Brit. B.* pl. 79. f. 1.
Common Curlew, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 26. f. 1.

Klein, Ova Av. t. 11. f. 5.

b. Phæopus.

2. Numenius phæopus. The Whimbrel. B.M.

Scolopax phæopus, *Linn.*
Numenius phæopus, *Lath.*; *Hewit. Brit. Ool.* pl. 64; *Thienem. Fortpfl. Vög. Eur.* t. 16. f. 5; *Schinz, Eier*, t. 24. f. 1; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 10.
Numenius minor, *Leach.*
Numenius islandicus, *Brehm.*
Scolopax borealis, *Gmel.*
Numenius hudsonicus, *Lath.*
Phæopus arquatus, *Steph.*
Whimbrel, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 26. f. 2; *Hewit. Eggs Brit. B.* pl. 79. f. 2.
Whimbrel Curlew, *Selby.*

2. LIMOSA.

1. Limosa Lapponica. The Bar-tailed Godwit. B.M.

Limosa rufa, *Briss.*; *Thienem. Fortpfl. Vög. Eur.* t. 17. f. 11; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 11.

Scolopax lapponica, *Linn.*
Fedoa rufa, *Steph.*
Limosa lapponica, *G. R. Gr.*
Scolopax leucophæa, *Lath.*
Limicula lapponica, *Vieill.*
Totanus leucophæus et Totanus gregarius, *Bechst.*
Totanus glottis, *Meyer.*
Limosa ferruginea, *Pall.*
Limosa Meyeri, *Leisler.*
Limosa noveboracensis, *Leach.*
Fedoa Meyeri et Fedoa pectoralis, *Steph.*
Actitis limosa, *Ill.*
Godwit, *Bew.*
Red Godwit, *Mont.*
Red Godwit Snipe and Red-breasted Snipe, *Penn.*
Bar-tailed Godwit, *Yarr.*

2. LIMOSA ÆGOCEPHALA. The Black-tailed Godwit. B.M.

Scolopax limosa, *Linn.*
Totanus limosa et Totanus rufus, *Bechst.*
Limosa melanura, *Leisl.*; *Hewit. Brit. Ool.* pl. 120; *Thienem. Fortpfl. Vög. Eur.* t. 17. f. 10; *Naum. Eierw.* t. 7. f. 5; *Schinz, Eier,* t. 4. f. 1–3; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier,* t. 7. f. 12.
Limicula melanura, *Vieill.*
Scolopax belgica, *Gmel.*
Scolopax ægocephala, *Linn.*; *Graves, Ov. Br.* pl. . f. 3.
Totanus ægocephalus, *Bechst.*
Fedoa melanura, *Steph.*
Limosa jadreca et Limosa ægocephala, *Leach.*
Limosa islandica, *Brehm.*
Jadreka Snipe, *Mont.*
Red Godwit Snipe, *Penn.*
Black-tailed Godwit, *Selby*; *Hewit. Eggs Brit. B.* pl. 83.

ii. TOTANINÆ.

1. TOTANUS.

a. TOTANUS.

1. TOTANUS FUSCUS. The Spotted Redshank.

Totanus fuscus, *Leisl.*
Scolopax fusca, *Linn.*
Scolopax Totanus, *Gmel.*

Totanus natans et Totanus maculatus, *Bechst.*
Scolopax curonica et Scolopax cantabrigiensis, *Gmel.*
Tringa atra, *Lath.*
Totanus ater, *Brehm.*
Tringa longipes, *Meis. & Schlinz.*
Totanus Raii, *Leach.*
Erythroscelus fuscus, *Kaup.*
Cambridge Godwit, *Bew.*
Spotted Redshank, *Bew.*; *Yarr.*
Spotted Snipe, *Mont.*

b. Gambetta.

2. Totanus calidris. The Common Redshank. B.M.

Scolopax calidris, *Linn.*; *Graves, Ov. Br.* pl. . f. 2.
Totanus calidris, *Bechst.*; *Hewit. Brit. Ool.* pl. 35; *Thienem. Fortpfl. Vög. Eur.* t. 17. f. 5; *Naum. Eierw.* t. 8. f. 7; *Schinz, Eier*, t. 4. f. 6, 7; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 18.
Tringa gambetta et Tringa striata, *Gmel.*
Totanus littoralis et Totanus striatus, *Brehm.*
Tringa variegata, *Brünnich.*
Gambetta calidris, *Kaup.*
Redshank, *Mont.*; *Lew. Br. B. & Eggs*, pl. 28. f. 2; *Hewit. Eggs Brit. B.* pl. 80.
Redshank Sandpiper, *Selby.*
Common Redshank, *Yarr.*

c. Helodromas.

3. Totanus ochropus. The Green Sandpiper.

Tringa ochropus, *Linn.*
Totanus ochropus, *Temm.*; *Thienem. Fortpfl. Vög. Eur.* t. 17. f. 6; *Schinz, Eier*, t. 4. f. 8 (9?).
Totanus rivalis et Totanus leucourus, *Brehm.*
Helodromas ochropus, *Kaup.*
Green Sandpiper, *Mont.*; *Yarr.*
Wood Sandpiper, *Markw.*

Zinanni, Uova, t. 22. f. 105.

d. Rhyacophilus.

4. Totanus glareola. The Wood Sandpiper. B.M.

Tringa glareola, *Linn.*; *Naum. Eierw.* t. 4. f. 7.
Totanus glareola, *Temm.*; *Hewit. Brit. Ool.* pl. 150; *Thienem.*

Fortpfl. Vög. Eur. t. 17. f. 7; *Oken, Naturg. Nest. u. Eier,* t. 7. f. 20.
Totanus glareola, *Leach.*
Totanus sylvestris et Totanus palustris, *Brehm.*
Tringa littorea, *Linn.*
Tringa grallatoris, *Mont.*
Totanus grallatoris, *Steph.*
Rhyacophilus glareola, *Kaup.*
Wood Sandpiper, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 81. f. 1.
Long-legged Sandpiper, *Mont.*

e. Glottis.

5. Totanus glottis. The Greenshank. B.M.

Totanus glottis, *Bechst.*; *Thienem. Fortpfl. Vög. Eur.* t. 17. f. 9.
Limosa totanus, *Pall.*
Scolopax canescens, *Gmel.*
Totanus fistulans et Totanus griseus, *Bechst.*
Glottis chloropus, *Nils.*
Glottis canescens, *Strickl.*
Limicula glottis, *Leach.*
Totanus chloropus, *Meyer.*
Glottis grisea et Glottis fistulans, *Brehm.*
Glottis natans, *Koch.*
Limosa glottis, *Pall.*
Greenshank, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs,* pl. 28. f. 1.
Cinereous Godwit, *Penn.*

2. TRINGOÏDES.

a. Tringoïdes.

? 1. Tringoïdes macularia. The Spotted Sandpiper. B.M.

Tringa macularia, *Linn.*; *Hewit. Brit. Ool.* pl. 131.
Totanus macularius, *Temm.*
Actitis macularia, *Boie.*
Tringoïdes macularia, *G. R. Gr.*
Spotted Sandpiper, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 81. f. 3.

2. Tringoïdes hypoleuca. The Common Sandpiper. B.M.

Tringa hypoleucus, *Linn.*; *Hewit. Brit. Ool.* pl. 12.
Totanus hypoleucus, *Temm.*; *Thienem. Fortpfl. Vög. Eur.*

t. 17. f. 8; *Naum. Eierw.* t. 8. f. 6 *a*, *b*; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 23.

● Tringa leucoptera, *Pall.*
Tringa canutus, *Linn.*
Tringa cinclus, *Schinz, Eier*, t. 5. f. 3.
Totanus guinetta, *Leach.*
Actitis hypoleucus, *Boie.*
Actitis cinclus, *Boie.*
Actitis stagnalis, *Brehm.*
Guinetta hypoleuca et Tringoïdes hypoleuca, *G. R. Gr.*
Common Sandpiper, *Mont.*; *Yarr.*
Spotted Sandpiper. *Bew.*; *Lew. Br. B. & Eggs*, pl. 30. f. 2; *Hewit. Eggs Brit. B.* pl. 81. f. 3.
Günther, Eierw. t. 100. low. fig.

b. Actiturus.

3. Tringoïdes rufescens. The Buff-breasted Sandpiper.

Tringa rufescens, *Vieill.*
Actitis rufescens, *Schleg.*
The Buff-breasted Tringa, *Selby.*
The Buff-breasted Sandpiper, *Yarr.*

iii. Recurvirostrinæ.

1. RECURVIROSTRA.

1. Recurvirostra avocetta. The Avocet. B.M.

Recurvirostra avocetta, *Linn.*; *Hewit. Brit. Ool.* pl. 141; *Thienem. Fortpfl. Vög. Eur.* t. 16. f. 2; *Schinz, Eier*, t. 2. f. 6; *Graves, Orn. Br.* pl. . f. 2; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 7.
Recurvirostra fissipes, *Brehm.*
Avocetta europæa, *Dum.*
Avoset, *Bew.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 82. f. 2.
Scooping Avoset, *Mont.*; *Lew. Br. B. & Eggs*, pl. 38. f. 1.

2. HIMANTOPUS.

1. Himantopus candidus. The Black-winged Stilt. B.M.

Charadrius himantopus, *Linn.*
Himantopus melanopterus, *Temm.*; *Hewit. Brit. Ool.* pl. 162;

Thienem. Fortpfl. Vög. Eur. t. 14. f. 2; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 15.
Himantopus longipes, *Brehm.*
Himantopus rufipes, *Bechst.*
Himantopus Plinii, *Flem.*
Himantopus atropterus, *Meyer.*
Himantopus candidus, *Bonn.*
Himantopus vulgaris, *Bechst.*
Hypsibates himantopus, *Nitzsch.*
Charadrius autumnalis, *Hasselq.*
Himantopus albicollis, *Vieill.*
Long-legged Plover, *Mont.*
Black-winged Stilt, *Selby*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 82. f. 2.

iv. TRINGINÆ.

1. PHILOMACHUS.

1. PHILOMACHUS PUGNAX. The Ruff. B.M.

Tringa pugnax, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 17. f. 4; *Naum. Eierw.* t. 8. f. 8 *a.–c.*; *Schinz, Eier*, t. 4. f. 4, 5; *Graves, Ov. Br.* pl. . f. 1; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 17.
Philomachus pugnax, *G. R. Gr.*
Totanus pugnax, *Nils.*
Tringa rufescens, *Bechst.*
Tringa littorea, *Linn.*
Tringa Grenovicensis et Tringa equestris, *Lath.*
Tringa variegata, *Brünn.*
Machetes planiceps et Machetes alticeps, *Brehm.*
Machetes pugnax, *Cuv.*; *Hewit. Brit. Ool.* pl. 124; *Lefevre, Ool. Eur.* t. .
Pavoncella pugnax, *Leach.*
Ruff, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 29. f. 1; *Hewit. Eggs Brit. B.* pl. 84.
Red-legged Sandpiper and Greenwich Sandpiper, *Bew.*
Yellow-legged Sandpiper, *Mont.*

2. TRINGA.

a. CANUTUS.

1. TRINGA CANUTUS. The Knot.

Tringa canutus, *Linn.*

Tringa ferruginea, *Brünn.*
Tringa islandica, *Gmel.*; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 16.
Tringa grisea et Tringa cinerea, *Gmel.*; *Thienem. Fortpfl. Vög. Eur.* t. 17. f. 3.
Tringa calidris, *Linn.*
Tringa nævia, *Gmel.*
Tringa ferruginea, *Meyer.*
Tringa australis, *Lath.*
Canutus islandicus et Canutus cinereus, *Brehm.*
Knot, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 32. f. 1.

b. Tringa.

2. Tringa maritima. The Purple Sandpiper. B.M.

Tringa maritima, *Brünn.*; *Hewit. Brit. Ool.* pl. 167; *Thienem. Fortpfl. Vög. Eur.* t. 17. f. 2; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 22.
Tringa nigricans, *Mont.*
Tringa striata, *Flem.*
Tringa arquatella, *Pall.*
Tringa canadensis, *Lath.*
Tringa littoralis, *Brehm.*
Totanus maritimus, *Steph.*
Knot, *Mont.*
Black Sandpiper, *Penn.*
Purple or Rock Tringa, *Selby.*
Selninger Sandpiper, *Penn.*
Purple Sandpiper, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 88. f. 3.

?3. Tringa pectoralis. The Pectoral Sandpiper.

Tringa pectoralis, *Say.*
Pelidna pectoralis, *Pr. Bonap.*
Pectoral Sandpiper, *Eyton*; *Yarr.*

?4. Tringa Schinzii. Schinz's Sandpiper. B.M.

Tringa Schinzii, *Pr. Bonap.*; *Schinz, Eier*, t. 24. f. 8.
Pelidna Schinzii, *Pr. Bonap.*
Tringa cinclus minor, *Schleg.*; *Lefevre, Ool. Eur.* t.
Tringa pygmæa, *Schinz.*
Tringa Bonapartei, *Schleg.*
Schinz's Sandpiper, *Yarr.*

5. TRINGA ALPINA. The Dunlin. B.M.

Tringa alpina, *Linn.*; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 21.
Tringa cinclus, *Linn.*
Tringa ruficollis, *Pall.*
Tringa pusilla, *Gmel.*
Numenius variabilis, *Bechst.*
Tringa variabilis, *Meyer*; *Hewit. Brit. Ool.* pl. 73; *Thienem. Fortpfl. Vög. Eur.* t. 17. f. 1; *Schinz, Eier*, t. 5. f. 1.
Pelidna cinclus, *Pr. Bonap.*
Pelidna variabilis, *Steph.*
Pelidna alpina, *Boie.*
Purre, *Mont.*; *Lew. Br. B. & Eggs*, pl. 31. f. 1.
Dunlin, *Bew.*; *Yarr.*; *Lew. Br. B. and Eggs*, pl. 31. f. 2; *Hewit. Eggs Brit. B.* pl. 88. f. 1, 2.

c. ACTODROMAS.

6. TRINGA MINUTA. The Little Stint.

Tringa minuta, *Leisler*; *Schinz, Eier*, t. 24. f. 7.
Tringa cinclus, *Pall.*
Tringa pusilla, *Wolf und Meyer.*
Tringa Temminckii, *Koch.*
Pelidna minuta, *Boie.*
Pelidna pusilla, *Brehm.*
Actodromas minuta, *Kaup.*
Little Stint, *Bew.*; *Yarr.*
Little Sandpiper, *Mont.*
Brown Sandpiper, *Penn.*
Minute Tringa, *Selby.*

d. LEIMONITES.

7. TRINGA TEMMINCKII. Temminck's Stint.

Tringa Temminckii, *Leisler.*
Tringa pusilla, *Lath.*
Pelidna Temminckii, *Boie.*
Leimonites Temminckii, *Kaup.*
Little Sandpiper, *Mont.*
Temminck's Tringa, *Selby.*
Temminck's Sandpiper, *Eyton*
Temminck's Stint, *Yarr.*

e. Ancylocheilus.

8. Tringa subarquata. The Curlew Sandpiper.

Scolopax subarquata, *Guldenst.*
Scolopax africanus, *Gmel.*
Numenius subarquata et Numenius pygmæus, *Bechst.*
Numenius africanus, *Lath.*
Tringa pygmæa, *Leach.*
Tringa subarquata, *Temm.*
Pelidna subarquata, *Cuv.*; *Brehm.*
Ancylocheilus subarquata, *Kaup.*
Tringa falcinella, *Pall.*
Tringa ferruginea, *Brünn.*
Numenius ferrugineus, *Wolf und Meyer.*
Pelidna macrorhynchos, *Brehm.*
Tringa islandica, *Retz.*
Scolopax Dethardingii, *Bechst.*
Pigmy Curlew, *Mont.*
Red Sandpiper, *Mont.*
Curlew Tringa, *Selby.*
Curlew Sandpiper, *Yarr.*

f. Limicola.

9. Tringa pygmæa. The Broad-billed Sandpiper.

Numenius pygmæus, *Lath.*
Tringa platyrhyncha, *Temm.*; *Hewit. Brit. Ool.* p. 157.
Numenius pusillus, *Bechst.*
Limicola pygmæa, *Koch.*
Tringa pygmæa, *Savi.*
Pelidna platyrhyncha, *Cuv.*; *Pr. Bonap.*
Tringa eloriodes, *Vieill.*
Broad-billed Sandpiper, *Yarr. Brit. B.* 2 edit. ii. 65. fig.: *Hewit. Eggs Brit. B.* pl. 87.

3. CALIDRIS.

1. Calidris arenaria. The Sanderling.

Tringa arenaria et Charadrius calidris, *Linn.*
Arenaria calidris, *Meyer.*
Arenaria vulgaris, *Bechst.*
Calidris arenaria, *Leach.*
Charadrius rubidus, *Gmel.*

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Arenaria grisea, *Bechst.*
Calidris grisea, *Brehm.*
Tringa tridactyla, *Pall.*
Sanderling, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 33. f. 2.
Common Sanderling, *Selby.*

v. Scolopacinæ.

1. MACRORAMPHUS.

1. Macroramphus griseus. The Brown Snipe.

Scolopax grisea, *Gmel.*
Scolopax noveboracensis, *Gmel.*
Scolopax Paykullii, *Nils.*
Totanus noveboracensis, *Sabine.*
Macroramphus griseus, *Leach.*
Brown Snipe, *Mont.*; *Yarr.*
Red-breasted Snipe, *Mont.*

2. GALLINAGO.

a. Gallinago.

1. Gallinago major. The Great Snipe.

Scolopax major, *Gmel.*; *Hewit. Brit. Ool.* pl. 153; *Thienem. Fortpfl. Vög. Eur.* t. 18. f. 2; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 23.
Gallinago major, *Leach.*
Gallinago Montagui, *Pr. Bonap.*
Telmatias major, *Brehm.*
Telmatias gallinago, *Boie.*
Telmatias nisoria, *Brehm.*
Scolopax media, *Frisch.*; *Naum. Eierw.* t. 5. f. 2; *Schinz, Eier*, t. 3. f. 2.
Scolopax paludosa, *Retz.*
Scolopax palustris, *Pall.*
Ascalopax major, *Keys. & Bl.*
Scolopax solitaria, *Macgill.*
Great Snipe, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 86. f. 1
Solitary Snipe, *Bew.*

Klein, Ova Av. t. 11. f. 3, 4.

? Enalius.

2. ? Gallinago Sabinii. Sabine's Snipe.

Scolopax Sabinii, *Vigors.*
Gallinago Sabini, *Pr. Bonap.*
Ascalopax Sabini, *Keys. & Bl.*
Enalius Sabini, *Kaup.*
Xylocota Sabini, *Pr. Bonap.*
Homoptilura Sabini, *G. R. Gr.*
Sabine's Snipe, *Selby*; *Yarr.*

3. Gallinago media. The Common Snipe. B.M.

Scolopax gallinago, *Linn.*; *Hewit. Brit. Ool.* pl. 32; *Thienem. Fortpfl. Vög. Eur.* t. 18. f. 3; *Naum. Eierw.* t. 6. f. 2 *a—c.*; *Schinz, Eier*, t. 3. f. 4; *Graves, Ov. Br.* pl. . f. 1; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 24.
Telmatias gallinago, *Boie.*
Gallinago media, *Leach.*
Gallinago scolopacinus, *Pr. Bonap.*
Scolopax grallinaria, *Gmel.*
Ascalopax gallinago, *Keys. & Bl.*
Telmatias septentrionalis, Telmatias stagnatilis et Telmatias Færœensis, *Brehm.*
Common Snipe, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 27. f. 2; *Hewit. Eggs Brit. B.* pl. 86. f. 2.

? b. Pelorychus.

4. ? Gallinago Brehmii. Brehm's Snipe.

Scolopax Brehmii, *Kaup.*
Gallinago Brehmii, *Pr. Bonap.*
Telmatias Brehmii, *Boie, Brehm.*
Pelorychus Brehmii, *Kaup.*

c. Lymnocryptes.

5. Gallinago gallinula. The Jack Snipe.

Scolopax gallinula, *Linn.*; *Hewit. Brit. Ool.* pl. 168.
Gallinago minima, *Leach.*
Gallinago gallinula, *Pr. Bonap.*
Ascalopax gallinula, *Keys. & Bl.*

Philolimnos stagnatilis, *Brehm.*
Philolimnos minor, *Brehm,*
Lymnocryptes gallinula, *Kaup.*
Judcock, *Bew.*
Jack Snipe, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 86. f. 3.

3. SCOLOPAX.

1. SCOLOPAX RUSTICOLA. The Woodcock. B.M.

Scolopax rusticola, *Linn.*; *Hewit. Brit. Ool.* pl. 52; *Thienem. Fortpfl. Vög. Eur.* t. 18. f. 1; *Naum. Eierw.* t. 7. f. 6; *Schinz, Eier*, t. 3. f. 1; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 22.
Scolopax major, *Leach.*
Scolopax pinetorum et Scolopax sylvestris, *Brehm.*
Rusticola vulgaris, *Vieill.*
Rusticola sylvestris, *Macgill.*
Woodcock, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 27. f. 1; *Hewit. Eggs Brit. B.* pl. 85.
Günther, Eierw. t. 18; *Klein, Ova Av.* t. 11. f. 1, 2.

vi. PHALAROPODINÆ.

1. PHALAROPUS.

a. PHALAROPUS.

1. PHALAROPUS FULICARIUS. The Grey Phalarope.

Tringa lobata et Tringa fulicaria, *Linn.*
Phalaropus fulicarius, *Pr. Bonap.*
Phalaropus platyrhynchos, *Temm.*; *Lefevre, Ool. Eur.* t.
Phalaropus rufescens, *Keys. & Bl.*
Tringa glacialis, *Gmel.*
Phalaropus glacialis, *Lath.*
Phalaropus rufus, *Bechst.*
Phalaropus lobatus, *Lath.*
Phalaropus griseus, *Leach.*
Crymophila rufus, *Vieill.*
Grey Phalarope, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 92. f. 1.

b. Lobipes.

2. Phalaropus hyperboreus. The Red-necked Phalarope. B.M.

Tringa hyperborea, *Linn.*
Phalaropus hyperboreus, *Lath.*; *Hewit. Brit. Ool.* pl. 104; *Thienem. Fortpfl. Vög. Eur.* t. 18. f. 10; *Schinz, Eier.* t. 24. f. 5; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 28.
Phalaropus angustirostris, *Naum.*
Phalaropus cinereus, *Wolf und Meyer*; *Naum. Eierw.* t. 10. f. 10 *a, b.*
Tringa fusca, *Gmel.*
Phalaropus fuscus, *Lath.*
Tringa lobata, *Brünn.*
Lobipes hyperboreus, *Cuv.*
Phalaropus Williamsii, *Simm.*
Phalaropus ruficollis et Phalaropus cinerascens, *Pall.*
Red Phalarope, *Bew.*
Red-necked Phalarope, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 92. f. 2.
Red Lobefoot, *Selby.*

Fam. IV. Rallidæ.

i. Rallinæ.

1. RALLUS.

1. Rallus aquaticus. The Water Rail.

Rallus aquaticus, *Linn.*; *Hewit. Brit. Ool.* pl. 77. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 18. f. 4; *Naum. Eierw.* t. 7. f. 11. *Schinz, Eier*, t. 6. f. 7; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 32.
Scolopax obscura, *S. G. Gmel.*
Rallus sericeus, *Leach.*
Rallus germanicus, *Brehm.*
Rail or Water Rail, *Mont.*
Water Rail, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 35. f. 2; *Hewit. Eggs Brit. B.* pl. 90 f. 2.
Common Rail, *Selby.*

2. ORTYGOMETRA.

a. Ortygometra.

1. Ortygométra crex. The Land Rail. B.M.

Gallinula crex, *Lath.*; *Hewit. Brit. Ool.* pl. 77. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 18. f. 5; *Lefevre, Ool. Eur.* t.
Rallus crex, *Linn.*; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 30.
Crex pratensis, *Bechst.*; *Naum. Eierw.* t. 5. f. 4 *a*, *b.*; *Schinz, Eier*, t. 5. f. 10, 11.
Ortygometra crex, *Leach.*
Crex herbarum et Crex alticeps, *Brehm.*
Crake Gallinule, *Mont.*; *Lew. Br. B. & Eggs*, pl. 36. f. 1.
Meadow or Corn Crake, *Selby.*
The Land Rail, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 89. f. 1.

Günther, Eierw. t. 45; *Zinanni, Uova*, t. 5. f. 18; *Klein, Ova Av.* t. 12.

b. Porzana.

2. Ortygometra porzana. The Spotted Crake. B.M.

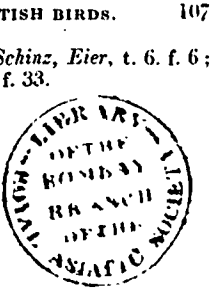
Rallus porzana, *Linn.*
Gallinula porzana, *Lath.*; *Hewit. Brit. Ool.* pl. 77. f. 3; *Thienem. Fortpfl. Vog. Eur.* t. 18. f. 6; *Naum. Eierw.* t. 6. f. 6; *Schinz, Eier*, t. 6. f. 4, 5; *Lefevre, Ool. Eur.* t.; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 29.
Gallinula maculata et Gallinula punctata, *Brehm.*
Ortygometra maruetta, *Leach.*
Zapornia porzana, *Gould.*
Crex porzana, *Jenyns.*
Ortygometra porzana, *Steph.*
Spotted Gallinule, *Mont.*
Water Crake, *Bew.*
Spotted Crake, *Selby*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 89. f. 2, 3.

c. Phalaridion.

3. Ortygometra minuta. The Little Crake.

Rallus minutus, *Pall.*
Rallus pusillus (*Pall.*) *Gmel.*
Gallinula pusilla, *Bechst.*; *Thienem. Fortpfl. Vög. Eur.* t. 18.

f. 7; *Naum. Eierw.* t. 7. f. 12; *Schinz, Eier*, t. 6. f. 6; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 33.
Rallus parvus, *Scop.*
Phalaridion pusillum, *Kaup.*
Zapornia minuta, *Leach.*
Gallinula minuta, *Mont.*
Gallinula Foljambei, *Mont.*
Crex pusilla, *Boie.*
Ortygometra pusilla, *Pr. Bonap.*
Ortygometra minuta, *Keys. & Bl.*
Little Gallinule, *Mont.*
Olivaceous Gallinule, *Mont.*
Little Crake, *Selby*; *Yarr.*



4. ORTYGOMETRA BAILLONI. Baillon's Crake.

Rallus Bailloni, *Vieill.*
Gallinula Bailloni, *Temm.*; *Hewit. Brit. Ool.* pl. 138; *Naum. Eierw.* t. 7. f. 13; *Lefevre, Ool. Eur.* t. .
Crex pygmæa, *Naum.*
Crex Bailloni, *Boie.*
Ortygometra Bailloni, *Steph.*
Ortygometra pygmæa, *Keys. & Bl.*
Gallinula pygmæa, *Brehm*; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 31.
Phalaridion pygmæa, *Kaup.*
Crex Foljambei, *Eyton.*
Zapornia Bailloni, *Gould.*
Baillon's Crake, *Selby*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 90. f. 1.

ii. GALLINULINÆ.

1. GALLINULA.

1. GALLINULA CHLOROPUS. The Moor Hen. B.M.

Fulica chloropus, *Linn.*
Gallinula chloropus, *Lath.*; *Hewit. Brit. Ool.* pl. 31; *Thienem. Fortpfl. Vög. Eur.* t. 18. f. 8; *Naum. Eierw.* t. 6. f. 5; *Schinz, Eier*, t. 6. f. 3; *Lefevre, Ool. Eur.* t. ; *Oken. Naturg. Nest. u. Eier*, t. 7. f. 25.
Stagnicola septentrionalis et Stagnicola chloropus, *Brehm.*
Rallus chloropus, *Savi.*
Fulica fusca, *Gmel.*

Gallinula fusca, *Lath.*
Fulica maculata, Fulica flavipes, et Fulica fistulans, *Gmel.*
Common Gallinule, *Mont.*; *Lew. Br. B. & Eggs*, pl. 36. f. 2.
Water Hen, *Bew.*; *Hewit. Eggs Brit. B.* pl. 91. f. 1.
Moor-hen, *Yarr.*

Günther, Eierw. t. 20; *Zinanni, Uova*, t. 29. f. 98; *Klein, Ova Av.* t. 12. f. 3.

? 2. PORPHYRIO.

? 1. PORPHYRIO MARTINICA. The Martinico Gallinule.

Porphyrio hyacinthinus (*Temm.*), *Thompson.*
Fulica martinica, *Linn.*
Gallinula martinica, *Lath.*; *Thompson.*
Porphyrio martinica, *Temm.*

3. FULICA.

1. FULICA ATRA. The Common Coot. B.M.

Fulica atra, *Linn.*; *Hewit. Brit. Ool.* pl. 5; *Thienem. Fortpfl. Vög. Eur.* t. 18. f. 9; *Naum. Eierw.* t. 4. f. 3; *Schinz, Eier*, t. 7. f. 1; *Oken, Naturg. Nest. u. Eier*, t. 7. f. 26.
Fulica atcrima, *Retz.*
Fulica leucoryx, *Gmel.*
Fulica æthiops, *Gmel.*
Fulica platyuros, *Brehm.*
Coot, *Bew.*; *Hewit. Eggs Brit. B.* pl. 91. f. 2.
Greater Coot, *Mont.*
Common Coot, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 37. f. 1.

Günther, Eierw. t. 29, 36; *Zinanni, Uova*, t. 19. f. 96; *Klein, Ova Av.* t. 12. f. 3.

Order VIII. ANSERES.

Fam. I. ANATIDÆ.

? i. Plectropterinæ.

? 1. PLECTROPTERUS.

? 1. Plectropterus gambensis. The Spur-winged Goose.

Anas gambensis, *Linn.*
Anser gambensis, *Jenyns.*
Plectropterus gambensis, *Steph.*
Anser spinosus, *Bonn.*
Spur-winged Goose, *Lath.*; *Yarr.*

ii. Anserinæ.

? 1. CHENALOPEX.

? 1. Chenalopex ægyptiaca. The Egyptian Goose. B.M.

Anas ægyptiaca, *Linn.*
Anser ægyptiacus, *Jenyns*; *Lefevre, Ool. Eur.* t. .
Tadorna ægyptiaca, *Boie.*
Chenalopex ægyptiaca, *Steph.*
Bernicla ægyptiacus, *Eyton.*
Anas varia, *Bechst.*
Anser varius, *Meyer.*
Egyptian Goose, *Bew.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 95. f. 1.

2. BERNICLA.

a. Bernicla.

1. Bernicla leucopsis. The Bernicle Goose.

Anas erythropus, *Linn.*
Anas leucopsis, *Temm.*
Anser leucopsis, *Bechst*; *Lefevre, Ool. Eur.* t. .
Bernicla leucopsis, *Boie.*
Bernicla erythropus, *Steph.*
Bernicla, *Bew.*
Bernicle Goose, *Mont.*; *Yarr.*

Bernicle Goose or Clakis, *Selby*.
Barnacle Goose, *Hewit. Eggs Brit. B.* pl. 94. f. 2.

2. BERNICLA BRENTA. The Brent Goose.

Bernicla torquata, *Boie.*
Anas bernicla, *Linn.*
Anser torquatus, *Frisch.*
Bernicla brenta, *Steph.*; *Hewit. Brit. Ool.* pl. 142. f. 1.
Anser brenta, *Leach.*
Anser bernicla, *Illiger*; *Thienem. Fortpfl. Vög. Eur.* t. 22. f. 6.
Bernicla glaucogaster, Bernicla micropus, Bernicla platyuros, et Bernicla collaris, *Brehm.*
Bernicla melanopsis, *Macgill.*
Brent Goose, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 94. f. 3.

? 3. BERNICLA RUFICOLLIS. The Red-breasted Goose.

Anas ruficollis, *Gmel.*
Anas torquata, *Gmel.*
Anser ruficollis, *Pall.*
Bernicla ruficollis, *Boie.*
Red-breasted Goose, *Mont.*; *Yarr.*

? 4. BERNICLA CANADENSIS. The Canada Goose. B.M.

Anas canadensis, *Linn.*
Cygnus canadensis, *Steph.*
Anser canadensis, *Flem.*
Bernicla canadensis, *G. R. Gr.*
Cygnopsis canadensis, *Brandt.*
Canada Goose, *Bew.*; *Yarr.*; *Hewit. Eggs Brit.* B. pl. 95. f. 2.

3. ANSER.

a. ANSER.

1. ANSER FERUS. The Grey lag Goose. B.M.

Anas Anser (ferus), *Gmel.*
Anser ferus, *Steph.*; *Lefevre, Ool. Eur.* t. , *Hewit. Brit. Ool.* pl. 127. f. 2.
Anser palustris, *Hewit. Brit. Ool.* pl. 127. f. 2; *Flem.*
Anser cinereus, *Meyer*; *Thienem. Fortpfl. Vög. Eur.* t. 22. f. 4; *Schinz, Eier.* t. 15. f. 1.
Anser sylvestris, *Brehm.*
Anser vulgaris, *Pall.*

Grey Lag Goose, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 93. f. 1.
Wild Goose, *Lew. Br. B. & Eggs*, pl. 49.
Klein, Ova Av. t. 19. f. 2.

2. ANSER SEGETUM. The Bean Goose. B.M.

Anas segetum, *Gmel.*
Anser segetum, *Schinz, Eier*, t. 23. f. 1; *Meyer.*
Anser ferus, *Flem.*
Anser arvensis, Anser rufescens, et Anser platyuros, *Brehm.*
Bean Goose, *Mont.*; *Yarr.*
Zinanni, Uova, t. 17. f. 91.

3. ANSER BRACHYRHYNCHUS. The Pink-footed Goose.

Anser brachyrhynchus, *Baill.*; *Hewit. Brit. Ool.* pl. 164. f. 1; *Lefevre, Ool. Eur.* t. .
Anser phœnicopus, *Bartl.*
Anser segetum, *Naum.*
Pink-footed Goose, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 93. f. 2.

4. ANSER BRYTHROPUS. The White-fronted Goose.

Anas albifrons, *Linn.*
Anas erythropus, *Linn.*
Anser albifrons, *Bechst.*; *Hewit. Brit. Ool.* pl. 164. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 22. f. 5; *Schinz, Eier*, t. 15. f. 3; *Lefevre, Ool. Eur.* t. .
Anser erythropus, *Flem.*
White-fronted Goose, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 94. f. 1.
White-fronted Wild Goose, *Bew.*

? b. CYGNOPSIS.

? 5. ANSER CYGNOÏDES. The Chinese Goose. B.M.

Anas cygnoïdes, *Linn.*
Cygnus guineensis, *Eyton.*
Cygnus sinensis, *Steph.*
Anser hispanicus, *Flem.*
Anser cygnoïdes, *Pall.*
Cygnopsis cygnoïdes, *Brandt.*
Swan Goose, *Bew.*
Chinese Goose, *Lath.*

iii. Cygninæ.

1. CYGNUS.

a. Olor.

1. Cygnus ferus. The Whistling Swan.

Anas cygnus, *Linn.*; *Schinz, Eier*, t. 16. f. 1.
Cygnus ferus, *Leach*; *Hewit. Brit. Ool.* pl. 129. f. 1.
Cygnus musicus, *Bechst.*; *Thienem. Fortpfl. Vög. Eur.* t. 23. f. 1.
Cygnus melanorhynchus, *Wolf und Meyer.*
Olor musicus; *Wagl.*
Cygnus olor, *Pall.*
Cygnus xanthorhinus, *Naum.*.
Whistling Swan or Wild Swan, *Mont.*
Wild Swan, *Bew.*
Whistling Swan, *Selby*; *Lew. Br. B. & Eggs*, pl. 48.
The Hooper, Elk, or Whistling Swan, *Yarr.*
Swan, *Hewit. Eggs Brit. B.* pl. 96. f. 1.

Günther, Eierw. t. 84.

? 2. Cygnus americanus. The American Swan.

Cygnus americanus, *Sharpless.*

b. Cygnus.

3. Cygnus olor. The Mute Swan. B.M.

Anas olor, *Gmel.*
Cygnus gibbus, *Bechst.*; *Thienem. Fortpfl. Vög. Eur.* t. 23. f. 2; *Schinz, Eier*, t. 17. f. 1.
Cygnus olor, *Boie*; *Naum. Eierw.* t, 9. f. 1; *Lefevre, Ool. Eur.* t. .
Cygnus mansuetus, *Flem.*
Cygnus sibilus, *Pall.*
Mute Swan, *Bew.*; *Yarr.*
Tame Swan, *Penn.*

? 4. Cygnus immutabilis. The Changeless Swan.

Cygnus immutabilis, *Yarr.*
Cygnus olor immutabilis, *Schleg.*
Polish Swan, *Yarr.*

5. CYGNUS MINOR. Bewick's Swan. B.M.

Cygnus islandicus, *Brehm.*
Cygnus minor, *Keys. & Bl.*
Cygnus musicus minor, *Schleg.*
Cygnus melanorhinus, *Naum.*
Cygnus Bewickii, *Yarr.*; *Hewit. Brit. Ool.* pl. 129. f. 2; *Lefevre, Ool. Eur.* t. .
Cygnus musicus, *Faber.*
Cygnus olor, β. minor, *Pall.*
New species of Swan, *Wing.*
Bewick's Swan, *Jard. & Selby*; *Yarr.*; *Hewit. Eggs. Brit. B.* pl. 96. f. 2.

iv. ANATINÆ.

1. TADORNA.

1. TADORNA VULPANSER. The Common Shieldrake. B.M.

Anas tadorna, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 24. f. 1. *Schinz, Eier*, t. 18. f. 4; *Lefevre, Ool. Eur.* t. .
Anas cornuta, *S. G. Gmel.*
Tadorna familiaris, *Boie.*
Tadorna Bellonii, *Steph.*
Tadorna vulpanser, *Flem.*; *Hewit. Brit. Ool.* pl. 63.
Vulpanser tadorna, *Keys. & Bl.*
Tadorna gibbera, Tadorna littoralis, et Tadorna maritima, *Brehm.*
Shieldrake, *Mont.*; *Lew. Br. B. & Eggs*, pl. 51. f. 1; *Hewit. Eggs Brit. B.* pl. 97. f. 1.
Common Shieldrake, *Selby.*
Common Shelldrake, *Yarr.*

2. CASARKA.

1. CASARKA RUTILA. The Ruddy Shieldrake.

Anas rutila, *Pall.*
Anas casarca, *Linn.*
Tadorna rutila, *Boie.*
Vulpanser rutila, *Keys. & Bl.*
Tadorna casarca, *Macgill.*
Casarca rutila, *Pr. Bonap.*
Ferrugineous Duck, *Mont.*
Red Duck, *Penn.*
Ruddy or Casarka Shieldrake, *Selby.*
Ruddy Shieldrake, *Yarr.*

3. MARECA.

1. MARECA PENELOPE. The Wigeon. B.M.

Anas penelope, *Linn.*; *Hewit. Brit. Ool.* pl. 94. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 24. f. 5; *Naum. Eierw.* t. 10. f. 2; *Schinz, Eier*, t. 16. f. 3.
Mareca fistularis, *Steph.*
Mareca penelope, *Selby.*
Anas Kagolka, *Gmel.*
Anas fistularis, *Brehm.*
Wigeon, *Mont.*; *Hewit. Eggs Brit. B.* pl. 99. f. 3.
Common Wigeon, *Selby.*

? 2. MARECA AMERICANA. The American Wigeon.

Anas americana, *Gmel.*
Mareca americana, *Steph.*
American Wigeon, *Yarr.*

4. DAFILA.

1. DAFILA ACUTA. The Pin-tailed Duck. B.M.

Anas acuta, *Linn.*; *Hewit. Brit. Ool.* pl. 142. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 24. f. 4; *Naum. Eierw.* t. 10. f. 3; *Schinz, Eier*, t. 17. f. 2.
Dafila caudacuta, *Steph.*
Dafila acuta, *Eyton.*
Anas caudacuta, *Leach.*
Anas longicauda (*Briss.*), *Brehm.*
Trachelonetta acuta, *Kaup.*
Anas caudata, *Brehm.*
Querquedula caudacuta, *Macgill.*
Querquedula acuta, *Selby.*
Phasianurus acutus, *Wagl.*
Pintail Duck, *Mont.*; *Hewit. Eggs Brit. B.* pl. 98. f. 1.
Common Pintail, *Selby.*

Günther, Eierw. t. 82?.

5. ANAS.

1. ANAS BOSCHAS. The Wild Duck. B.M.

Anas boschas, *Linn.*; *Hewit. Brit. Ool.* pl. 23. f. 2.
Anas fera, *Leach.*

Anas adunca, *Linn.*
Anas archiboschas, Anas subboschas, et Anas conboschas. *Brehm.*
Common or Wild Duck, *Mont.*
Mallard, *Lew. Br. B. & Eggs*, pl. 50. f. 2.
Wild Duck, *Yarr.*; *Hewit. Eggs Brit. B.* pl. 98. f. 2.
Günther, Eierw. t. 37; *Zinanni, Uova*, t. 18. f. 93, t. 19. f. 94; *Klein, Ova Av.* t. 20. f. 1.

6. QUERQUEDULA.

1. QUERQUEDULA CRECCA. The Teal. B.M.

Anas crecca, *Linn.*; *Hewit. Brit. Ool.* pl. 23. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 24. f. 9; *Schinz, Eier*, t. 15. f. 6.
Querquedula crecca, *Steph.*
Querquedula subcrecca et Querquedula creccoides, *Brehm.*
Nettion crecca, *Kaup.*
Teal, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 99. f. 2.
Common Teal, *Selby.*

?2. QUERQUEDULA BIMACULATA. The Bimaculated Duck.

Anas glocitans (non *Pallas*), *Flem.*
Anas bimaculata (*Penn.*?), *Keys. & Bl.*
Marecа? glocitans, *Steph.*
Querquedula glocitans, *Vigors.*
Querquedula bimaculata, *G. R. Gr.*
Bimaculated Duck, *Penn.*; *Yarr.*
Bimaculated Teal, *Selby.*

7. PTEROCYANEA.

1. PTEROCYANEA CIRCIA. The Garganey.

Anas querquedula, *Linn.*; *Hewit. Brit. Ool.* pl. 123. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 24. f. 6; *Naum. Eierw.* t. 6. f. 3; *Schinz, Eier*, t. 15. f. 7.
Anas circia, *Linn.*
Querquedula circia, *Steph.*
Cyanopterus circia, *Eyton.*
Pterocyanea circia, *Pr. Bonap.*
Querquedula glaucopteros et Querquedula scapularis, *Brehm.*
Garganey, *Mont.*; *Hewit. Eggs Brit. B.* pl. 99. f. 1.
Garganey Teal, *Selby.*

?8. AIX.

?1. AIX SPONSA. The Summer Duck. B.M.

Anas sponsa, *Linn.*
Aix sponsa, *Boie.*
Dendrónessa sponsa, *Swains.*
Lampronessa sponsa, *Wagl.*
Summer Duck, *Lath.*

9. CHAULELASMUS.

1. CHAULELASMUS STREPERA. The Gadwall. B.M.

Anas strepera, *Linn.*; *Hewit. Brit. Ool.* pl. 123. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 24. f. 3; *Schinz, Eier*, t. 21. f. 1.
Anas cinerea (*Gmel.*); *Brehm.*
Chauliodus strepera, *Swains.*
Ktinorhynchus strepera, *Eyton.*
Chaulelasmus strepera, *G. R. Gr.*
Querquedula strepera, *Macgill.*
Gadwall, *Mont.*; *Hewit. Eggs Brit. B.* pl. 97. f. 3.
Common Gadwall, *Selby.*

10. SPATULA.

1. SPATULA CLYPEATA. The Shoveler. B.M.

Anas clypeata, *Linn.*; *Hewit. Brit. Ool.* pl. 94. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 24. f. 5; *Naum. Eierw.* t. 8. f. 5; *Schinz, Eier*, t. 18. f. 5.
Anas rubens, *Gmel.*
Spatula clypeata, *Boie.*
Rhynchaspis clypeata, *Steph.*
Spatulea clypeata, *Flem.*
Clypeata macrorhynchus, Clypeata platyrhynchus, Clypeata pomarina, et Clypeata brachyrhynchus, *Brehm.*
Shoveler, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 97. f. 2.
Shoveler Duck, *Penn.*
Common Shoveler, *Selby.*
Red-breasted Shoveler, *Mont.*

Günther, Eierw. t. 92.

? 11. CAIRINA.

? 1. CAIRINA MOSCHATA. The Muscovy Duck.

Anas moschata, *Linn.*; *Schinz, Eier*, t. 19, f. 2.
Cairina moschata, *Flem.*
Cairina sylvestris, *Steph.*
Anas bicolor, *Donov.*
Muscovy Duck, *Lath.*
Musk Duck, *Bew.*

Günther, Eierw. t. 90; *Zinanni, Uova*, t. 18. f. 92.

v. FULIGULINÆ.

1. BRANTA.

? 1. BRANTA RUFINA. The Red-crested Whistling Duck. B.M.

Anas rufina, *Pall.*
Branta rufina, *Boie.*
Fuligula rufina, *Steph.*
Callichen ruficeps et Callichen rufinus, *Brehm.*
Netta rufina, *Kaup.*
Mergoides rufina, *Eyton.*
Aythya rufina, *Macgill.*
Red-crested Pochard, *Selby.*
Red-crested Whistling Duck, *Yarr.*

2. FULIGULA.

1. FULIGULA CRISTATA. The Tufted Duck.

Anas fuligula, *Linn.*; *Hewit. Brit. Ool.* pl. 151. f. 3; *Thienem. Fortpfl. Vög. Eur.* t. 26. f. 2; *Schinz, Eier*, t. 20. f. 4.
Anas scandiaca, *Gmel.*
Anas cristata, *Leach.*
Fuligula cristata, *Steph.*
Nyroca fuligula, *Flem.*
Aythya fuligula, *Boie.*
Aythya cristata et Platypus fuligula, *Brehm.*
Anas colymbis, *Pall.*
Tufted Duck, *Mont.*; *Hewit. Eggs Brit. B.* pl. 102. f. 3.
Tufted Pochard, *Selby.*

? 2. FULIGULA COLLARIS. The Collared Duck.

Anas collaris, *Donov.*
Fuligula rufitorquis, *Pr. Bonap.*

Anas fuligula, *Wils.*
Fuligula collaris, *G. R. Gr.*

3. FULIGULA MARILA. The Scaup Duck. B.M.

Anas marila, *Linn.*; *Hewit. Brit. Ool.* pl. 151. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 25. f. 4; *Schinz, Eier*, t. 18. f. 3.
Anas frenata, *Sparrm.*
Fuligula marila, *Steph.*
Fuligula Gesneri, *Eyton.*
Nyroca marila, *Flem.*
Aythya marila, *Boie.*
Aythya leuconotus et Aythya islandica, *Brehm.*
Scaup Duck, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 102. f. 2.

3. NYROCA.

1. NYROCA FERINA. The Pochard. B.M.

Anas ferina, *Linn.*; *Hewit. Brit. Ool.* pl. 151. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 25. f. 5; *Naum. Eierw.* t. 6. f. 4; *Schinz, Eier*, t. 16. f. 2.
Fuligula ferina, *Steph.*
Nyroca ferina, *Flem.*
Aythya ferina, *Boie.*
Anas rufa, *Gmel.*
Aythya erythrocephala, *Brehm.*
Pochard, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 102. f. 1.
Red-headed Pochard, *Selby.*

? 2. NYROCA FERINOÏDES. Paget's Pochard.

Fuligula ferinoïdes, *Bartl.*
Fuligula leucoptera, *Newton.*
Fuligula marilоïdes, *Yarr.*
American Scaup, *Yarr.*
A supposed new Duck, *Fisher.*

3. NYROCA LEUCOPHTHALMOS. The Ferruginous Duck.

Anas nyroca, *Gueld.*; *Thienem. Fortpfl. Vög. Eur.* t. 26. f. 3.
Anas ferruginea, *Gmel.*
Anas leucophthalmos, *Bechst.*; *Schinz, Eier*, t. 20. f. 2; *Lefevre, Ool. Eur.* t. .
Anas africana, *Gmel.*

Anas glaucion, *Pall.*
Nyroca leucophthalmos, *Flem.*
Aythya nyroca, *Boie.*
Fuligula nyroca, *Steph.*
Aythya leucophthalmos, *Brehm.*
Ferruginous Duck, *Mont.*; *Hewit. Eggs Brit. B.* pl. 101*.
Nyroca Pochard, *Selby.*
Olive-tufted Duck, *Sow.*

4. CLANGULA.

1. CLANGULA GLAUCION. The Golden-eye. B.M.

Anas clangula, *Linn.*; *Hewit. Brit. Ool.* pl. 60. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 25. f. 6; *Schinz, Eier*, t. 18. f. 1.
Anas glaucion, *Linn.*
Anas hyemalis, *Pall.*
Clangula clangula, *Cuv.*; *Boie.*
Clangula chrysophthalmos, *Steph.*
Clangula vulgaris, *Flem.*
Glaucion clangula, *Kaup.*
Clangula leucomelas, Clangula peregrina, et Clangula glaucion, *Brehm.*
Golden-eye, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 103. f. 3.
Morillon, *Bew.*
Common Golden-eye Garrot, *Selby.*

2. CLANGULA HISTRIONICA. The Harlequin Duck. B.M.

Anas histrionica, *Linn.*; *Hewit. Brit. Ool.* pl. 101. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 26. f. 4; *Schinz, Eier*, t. 17. f. 3.
Anas minuta, *Linn.*
Clangula histrionica, *Boie.*
Harelda histrionica, *Keys. & Bl.*
Cosmonessa histrionica, *Kaup.*
Harlequin Duck, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 103. f. 2.
Harlequin Garnot, *Selby.*

? 3. CLANGULA ALBEOLA. The Buffel-headed Duck.

Anas albeola, *Linn.*
Anas bucephala et Anas rustica, *Linn.*
Clangula albeola, *Steph.*
Buffel-headed Duck, *Yarr.*

5. HARELDA.

1. HARELDA GLACIALIS. The Long-tailed Duck. B.M.

Anas glacialis, *Linn.*; *Hewit. Brit. Ool.* pl. 60. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 25. f. 3; *Schinz, Eier*, t. 14. f. 7.
Anas hyemalis, *Linn.*
Pagonetta glacialis, *Kaup.*
Anas longicauda, *Leach.*
Crymonessa glacialis, *Macgill.*
Harelda glacialis, *Steph.*
Clangula glacialis, *Boie.*
Clangula hiemalis, Clangula Faberi, Clangula megauros, Clangula Musica, et Clangula brachyrhynchus, *Brehm.*
Long-tailed Duck, *Mont.*; *Yarr.*; *Hewit. Eggs Brit. B.* pl. 103. f. 1.
Long-tailed Harelд, *Selby.*

6. ENICONETTA.

? 1. ENICONETTA STELLERI. The Western Duck.

Anas Stelleri, *Pall.*
Anas dispar, *Sparrm.*
Anas occidua, *Shaw.*
Fuligula dispar, *Steph.*
Polysticta Stelleri, *Eyton.*
Stelleria dispar, *Pr. Bonap.*
Harelda Stelleri, *Keys. & Bl.*
Eniconetta Stelleri, *G. R. Gr.*
Clangula Stelleri, *Boie.*
Western Duck, *Penn.*
Western Pochard, *Selby.*
Steller's Western Duck, *Yarr.*

7. SOMATERIA.

1. SOMATERIA MOLLISSIMA. The Eider Duck. M.B.

Anas mollissima, *Linn.*; *Hewit. Brit. Ool.* pl. 15; *Thienem. Fortpfl. Vög. Eur.* t. 24. f. 10; *Schinz, Eier*, t. 15. f. 2; *Lefevre, Ool. Fur.* t. .
Anas Cuthberti, *Pall.*
Anser lanuginosus, *Leach.*
Somateria mollissima, *Boie.*
Somateria S. Cuthberti, *Eyton.*
Somateria danica, Somateria norwegica, Somateria platyuros,

Somateria faeroeensis, Somateria megauros, Somateria islandica, Somateria borealis, Somateria Leisleri, et Somateria planifrons, *Brehm.*
Eider or Edder Duck, *Mont.*
Eider Duck, *Bew.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 50.
Common Eider, *Selby.*

2. SOMATERIA SPECTABILIS. The King Duck. B.M.

Anas spectabilis, *Linn.*; *Hewit. Brit. Ool.* pl. 101. f. 2.
Anas mollissima, pt., *Temm.*
Somateria spectabilis (*Leach*), *Boie.*
King Duck, *Mont.*; *Yarr.*
King Eider, *Selby.*

8. OIDEMIA.

1. OIDEMIA FUSCA. The Velvet Scoter.

Anas fusca, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 25. f. 1; *Schinz, Eier*, t. 15. f. 4.
Anas carbo, *Pall.*
Melanitta fusca, *Boie.*
Oidemia fusca, *Flem.*
Anas fuliginosa, *Bechst.*
Melanitta Hornschuchii, Melanitta megapus, et Melanitta platyrhynchos, *Brehm.*
Velvet Duck, *Mont.*
Velvet Scoter, *Selby*; *Yarr.*

2. OIDEMIA NIGRA. The Common Scoter. B.M.

Anas nigra, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 25. f. 2; *Schinz, Eier*, t. 18. f. 2.
Anas atra, *Pall.*
Anas cinerascens, *Bechst.*
Anas cinerea, *S. G. Gmel.*
Oidemia nigra, *Flem.*
Melanitta nigra, *Boie.*
Melanitta nigripes, Melanitta megauros, et Melanitta gibbera, *Brehm.*
Oidemia leucocephala, *Flem.*
Scoter, *Mont.*
Black Scoter, *Selby.*
Common Scoter, *Yarr.*
White-necked Duck, *Penn.*

3. OIDEMIA PERSPICILLATA. The Surf Scoter.

Anas perspicillata, *Linn.*; *Lefevre, Ool. Eur.* t. .
Oidemia perspicillata, *Steph.*
Melanitta perspicillata, *Boie.*
Pelionetta perspicillata, *Kaup.*
Surf Duck, *Lyton.*
Surf Scoter, *Yarr.*

vi. MERGINÆ.

1. MERGUS.

1. MERGUS CASTOR. The Goosander. B.M.

Mergus merganser, *Linn.*; *Hewit. Brit. Ool.* pl. 155; *Thienem. Fortpfl. Vög. Eur.* t. 26. f. 5? *Schinz, Eier*, t. 19. f. 3.
Mergus castor, *Linn.*
Merganser Rnii, *Leach.*
Merganser gulo, *Steph.*
Merganser castor, *Pr. Bonap.*
Goosander, *Mont.*; *Yarr.*
Dun Diver, *Mont.*

2. MERGUS SERRATOR. The Red-breasted Merganser. B.M.

Mergus serrator, *Linn.*; *Hewit. Brit. Ool.* pl. 61; *Thienem. Fortpfl. Vög. Eur.* t. 26. f. 6.
Mergus serratus et Mergus niger, *Gmel.*
Mergus leucomelas, *Brehm.*
Merganser cristatus, *Leach.*
Merganser serrata, *Steph.*
Merganser serrator, *Pr. Bonap.*
Red-breasted Merganser, *Mont.*; *Yarr.*

3. MERGUS CUCULLATUS. The Hooded Merganser.

Mergus cucullatus, *Linn.*
Merganser cucullatus, *Steph.*
Hooded Merganser, *Selby*; *Yarr.*

2. MERGELLUS.

1. MERGELLUS ALBELLUS. The Smew.

Mergus albellus, *Linn.*
Mergus minutus, *Linn.*

Mergus asiaticus, *S. G. Gmel.*
Mergus stellatus, *Brünn.*
Mergus glacialis, *Brünn.*
Mergellus albellus, *Selby.*
Smew, *Mont.*
Minute Merganser, *Mont.*
Red-headed Smew, *Bew.*
Lough-Diver, *Bew.*

Fam. II. COLYMBIDÆ.

i. Colymbinæ.

1. COLYMBUS.

1. Colymbus glacialis. The Great Northern Diver. B.M.

Colymbus glacialis, *Linn.*; *Hewit. Brit. Ool.* pl. 80; *Thienem. Fortpfl. Vög. Eur.* t. 27. f. 4; *Schinz, Eier*, t. 22. f. 1.
Colymbus torquatus, *Brünn.*
Colymbus immer, *Linn.*
Colymbus maximus et Colymbus hiemalis, *Brehm.*
Cepphus torquatus, *Pall.*
Eudyptes glacialis, *Illig.*
Colymbus atrogularis, *Meyer.*
Northern Diver, *Mont.*
Great Northern Diver, *Bew.*; *Yarr.*
Imber Diver, *Mont.*
Imber, *Bew.*

2. Colymbus arcticus. The Black-throated Diver. B.M.

Colymbus arcticus, *Linn.*; *Hewit. Brit. Ool.* pl. 83. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 27. f. 5; *Schinz, Eier*, t. 14. f. 2; *Lefevre, Ool. Eur.* t. .
Eudyptes arcticus, *Illig.*
Colymbus macrorhynchos, *Brehm.*
Colymbus balthicus, *Horsch. & Schill.*

Cepphus arcticus, *Pall.*
Black-throated Diver, *Mont.*; *Yarr.*
Lesser Imber, *Bew.*

Klein, Ova Av. t. 21. f. 1.

3. COLYMBUS SEPTENTRIONALIS. The Red-throated Diver. B.M.

Colymbus septentrionalis, *Linn.*; *Hewit. Brit. Ool.* pl. 83. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 27. f. 6; *Naum. Eierw.* t. 10. f. 4; *Schinz, Eier*, t. 20. f. 1; *Lefevre, Ool. Eur.* t. .
Eudyptes septentrionalis, *Illig.*
Colymbus stellatus, *Gmel.*
Colymbus borealis, *Lath.*
Colymbus striatus, *Gmel.*
Colymbus lumme, *Brünn.*
Cepphus septentrionalis, *Pall.*
Colymbus rufogularis, *Meyer.*
Red-throated Diver, *Mont.*
Speckled Diver, *Mont.*
First Speckled Diver and Second Speckled Diver, *Bew.*

ii. PODI[illegible]INÆ.

1. PODICEPS.

a. PEDETAITHYA.

1. PODICEPS GRISEGENA. The Red-necked Grebe.

Colymbus rubricollis, *Gmel.*
Colymbus grisegena, *Bodd.*
Colymbus subcristatus, *Gmel.*
Colymbus parotis, *Sparrm.*
Podiceps rubricollis, *Lath.*; *Hewit. Brit. Ool.* pl. 106. f. 1; *Lefevre, Ool. Eur.* t. .
Podiceps subcristatus, *Bechst.*; *Thienem. Fortpfl. Vög. Eur.* t. 18. f. 12; *Naum. Eierw.* t. 5. f. 9.
Podiceps grisegena, *G. R. Gr.*
Podiceps cinereicollis, *Brehm.*
Podiceps cristatus, *Schinz, Eier*, t. 7. f. 3.
Colymbus cucullatus et Colymbus mævius, *Pall.*

Pedetaithya subcristatus, *Kaup.*
Red-necked Grebe, *Mont.*; *Yarr.*

b. Dytes.

2. Podiceps cornutus. The Sclavonian Grebe. B.M.

Colymbus cornutus, *Gmel.*
Podiceps cornutus, *Lath.*; *Hewit. Brit. Ool.* pl. 92. f. 3; *Thienem. Fortpfl. Vög. Eur.* t. 19. f. 1; *Schinz, Eier*, t. 7. f. 5; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 14.
Podiceps obscurus, *Lath.*
Podiceps caspicus, *Lath.*
Colymbus obscurus, *Gmel.*
Colymbus caspicus, *S. G. Gmel.*
Colymbus nigricans, *Scop.*
Podiceps bicornis, *Brehm.*
Dytes cornutus, *Kaup.*
Sclavonian Grebe, *Yarr.*
Horned Grebe, *Selby.*
Dusky Grebe, *Mont.*

c. Podiceps.

3. Podiceps cristatus. The Great Crested Grebe. B.M.

Colymbus cristatus, *Linn.*
Podiceps cristatus, *Lath.*; *Hewit. Brit. Ool.* pl. 92. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 18. f. 11; *Naum. Eierw.* t. 4. f. 5.
Colymbus urinator, *Linn.*
Podiceps mitratus et Podiceps patagiatus, *Brehm.*
Colymbus cornutus, *Pall.*
Lophaithyia cristata, *Kaup.*
Crested Grebe, *Mont.*
Great Crested Grebe, *Bew.*; *Yarr.*
Tippet Grebe, *Bew.*

Zinanni, Uova, t. 19. f. 95.

d. Proctopus.

4. Podiceps auritus. The Eared Grebe. B.M.

Colymbus auritus, *Linn.*
Podiceps auritus, *Lath.*; *Hewit. Brit. Ool.* pl. 106. f. 2;

Thienem. Fortpfl. Vög. Eur. t. 19. f. 3; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 13.
Podiceps suberistatus, *Schinz, Eier*, t. 7. f. 4.
Podiceps nigricollis, *Brehm.*
Proctopus auritus, *Kaup.*
Eared Grebe, *Mont.*; *Yarr.*

c. SYLBEOCYCLUS.

5. PODICEPS MINOR. The Little Grebe. B.M.

Colymbus cristatus et Colymbus minor, *Gmel.*
Podiceps minor, *Lath.*; *Hewit. Brit. Ool.* pl. 92. f. 1; *Schinz. Eier*, t. 7. f. 6; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 12.
Colymbus hebridicus, *Gmel.*
Podiceps hebridicus, *Lath.*
Colymbus pyrenaicus, *La Peyr.*
Podiceps pygmæus, *Brehm.*
Sylbeocyclus minor, *Pr. Bonap.*
Sylbeocyclus europæus, *Macgill.*
Podiceps auritus, *Schinz, Eier*, t. 11. f. 1.
Little Grebe, *Mont.*; *Lew. Br. B. & Eggs*, pl. 37. f. 2.
Black-chin, Grebe, *Mont.*
Little Grebe or Dabchick, *Yarr.*
Günther, Eierw. t. 79 & 81?

FAM. III. ALCIDÆ.

i. ALCINÆ.

1. ALCA.

1. ALCA IMPENNIS. The Great Auk. B.M.

Alca impennis, *Linn.*; *Hewit. Brit. Ool.* pl. 145. f. 1; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 8. f. 19.
Great Auk, *Mont.*; *Yarr.*

1. ALCA TORDA. The Razor-bill. B.M.

Alca torda, *Linn.*; *Hewit. Brit. Ool.* pl. 75; *Thienem. Fortpfl. Vög. Eur.* t. 28. f. 7; *Naum. Eierw.* t. 7. f. 2 *a*, *b*;

Schinz, Eier, t. 9. f. 1–4; t. 14. f. 1; *Oken, Naturg. Nest. u. Eier*, t. 8. f. 7.
Alca pica, *Linn.*
Altha balthica et Alca unisulcata, *Brünn.*
Alca glacialis et Alca islandica, *Brehm.*
Utamania torda, *Leach.*
Utamania pica, *Leach.*
Razor-bill, *Mont.*; *Yarr.*
Razor-bill Auk, *Penn.*; *Lew. Br. B. & Eggs*, pl. 47. f. 1.
Black-billed Auk, *Bew.*

2. FRATERCULA.

1. FRATERCULA ARCTICA. The Puffin. B.M.

Alca arctica, *Linn.*
Mormon fratercula, *Temm.*; *Hewit. Brit. Ool.* pl. 47; *Schinz, Eier*, t. 7. f. 7, 8; *Lefevre, Ool. Eur.* t. .
Mormon arctica, *Illig.*; *Thienem. Fortpfl. Vög. Eur.* t. 28. f. 6; *Naum. Eierw.* t. 7. f. 1.
Alca labradora, *Gmel.*
Alca canogularis, *Meyer.*
Alca deleata, *Brünn.*
Mormon polaris et Mormon grabæ, *Brehm.*
Lunda arctica, *Pall.*
Fratercula arctica, *Illig.*
Puffin, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 47. f. 2.
Common Puffin, *Selby.*
Puffin Auk, *Penn.*

ii. URINÆ.

1. URIA.

a. URIA.

1. URIA TROILE. The Common Guillemot. B.M.

Colymbus troile, *Linn.*
Uria troile, *Lath.*; *Hewit. Brit. Ool.* pl. 50; *Thienem. Fortpfl. Vög. Eur.* t. 28. f. 1; *Schinz, Eier*, t. 8. f. 1–3; *Graves, Or. Br.* pl. . f. 1, 2; *Oken, Naturg. Nest. u. Eier.* t. 8. f. 2.
Cepphus lomvia, *Pall.*
Uria lomvia, *Thienem. Fortpfl. Vög. Eur.* t. 28. f. 2.

Uria suarbag, *Brünn.*
Colymbus minor, *Gmel.*
Uria minor, *Steph.*
Uria norwegica, *Brehm.*
Foolish Guillemot, *Mont.*; *Lew. Br. B. & Eggs*, pl. 45. f. 2.
Guillemot, *Bew.*
Lesser Guillemot, *Mont.*
Common Guillemot, *Yarr.*

? 2. URIA RINGVIA. The Ringed Guillemot.

Uria leucophthalmos, *Faber.*
Uria ringvia, *Brünn.*; *Oken, Naturg. Nest. u. Eier*, t. 8. f. 3.
Uria hringvia, *Keys. & Bl.*; *Thienem. Fortpfl. Vög. Eur.* t. 28. f. 3.
Uria troile (pt.), *Temm.*
Uria lacrymans, *Valenc.*
Uria leucopsis, *Brehm.*; *Schinz, Eier*, t. 22. f. 2.
Alca s. Colymbus Laugvigia, *Dlaff.*
Uria troile leucophthalmos, *Schleg.*
Uria alga, *Brünn.*
Ringed Guillemot, *Yarr.*

3. URIA BRUNNICHII. Brünnich's Guillemot. B.M.

Uria Brunnichii, *Sabine*; *Schinz, Eier*, t. 20. f. 5; t. 23. f. 4.
Uria Francsii, *Leach.*
Cepphus arra, *Pall.*
Uria Troile, *Brünn.*
Uria polaris, *Brehm.*
Uria pica, *Fab.*
Uria arra, *Keys. & Bl.*
Alca Lomvia, *Linn.*
Brunnich's Guillemot, *Yarr.*

b. GRYLLE.

4. URIA GRYLLE. The Black Guillemot. B.M.

Colymbus grylle, *Linn.*
Uria grylle, *Lath.*; *Hewit. Brit. Ool.* pl. 36; *Naum. Eierw.* f. 7. f. 3 *a*, *b*; *Leferre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 8. f. 5.
Colymbus lacteolus, *Gmel.*
Uria lacteola, *Lath.*
Uria balthica et Uria gryilloides, *Brünn.*

Uria scapularis, *Steph.*
Cepphus lacteolus et Cepphus columba, *Pall.*; *Thienem. Fortpfl. Vög. Eur.* t. 28. f. 4; *Schinz, Eier*, t. 14. f. 4, 5.
Cephus grylle, *Boie.*
Cephus arcticus, Cephus Meisneri, Cephus Faeroeensis, et Cephus glacialis, *Brehm.*
Grylle columba, *Pr. Bonap.*
Black Guillemot, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 46.
Spotted Guillemot, *Mont.*

2. ARCTICA.

1. ARCTICA ALLE. The Little Auk. B.M.

Alca alle, *Linn.*
Uria alle, *Temm.*; *Naum. Eierw.* t. 7. f. 4; *Schinz, Eier*, t. 14. f. 3; *Oken, Naturg. Nest. u. Eier*, t. 8. f. 4.
Arctica alle, *G. R. Gr.*
Mergulus melanoleucos, *Leach*; *Hewit. Brit. Ool.* pl. 145. f. 2; *Thienem. Fortpfl. Vög. Eur.* t. 28. f. 5.
Alca candida, *Brünn.*
Mergulus alle, *Vieill.*; *Boie.*
Mergulus arcticus, *Brehm.*
Little Auk, *Mont.*; *Yarr.*
Common Rotche, *Selby.*

FAM. IV. PROCELLARIDÆ.

i. PROCELLARINÆ.

1. PUFFINUS.

1. PUFFINUS MAJOR. The Greater Shearwater. B.M.

Procellaria puffinus, *Linn.*; *Hewit. Brit. Ool.* pl. 39.
Procellaria cinerea, *Gmel.*
Puffinus cinereus, *Steph.*; *Lefevre, Ool. Eur.* t. .
Puffinus puffinus (*Cuv.*), *Boie.*
Nectris cinerea, *Keys. & Bl.*
Puffinus major, *Faber.*
Puffinus arcticus et Cymotomus arcticus, *Macgill.*
Puffinus fuliginosus, *Kuhl.*
Procellaria fuliginosa, *Forst.* non *Gmel.*
Procellaria major (pt.), *Temm.*

Nectris fuliginosa, *Soland. MSS.*; *Keys. & Bl.*
Cinereous Shearwater, *Selby.*
Greater Shearwater, *Yarr.*
Dusky Shearwater, *Eyton.*

2. PUFFINUS ANGLORUM. The Manx Shearwater. B.M.

Procellaria puffinus, *Brünn.*
Puffinus anglorum, *Boie*; *Thienem. Fortpfl. Vög. Eur.* t. 22. f. 2; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 1.
Procellaria anglorum, *Temm.*
Nectris puffinus, *Keys. & Bl.*
Cymotomus anglorum, *Macgill.*
Puffinus arcticus, *Faber.*
Shearwater, *Mont.*
Manks Shearwater, *Selby.*
Manx Shearwater, *Yarr.*
Shearwater Petrel, *Lew. Brit. B. & Eggs*, pl. 45. f. 1.

? 3. PUFFINUS OBSCURUS. The Dusky Shearwater. B.M.

Procellaria obscura, *Gmel.*
Puffinus obscurus, *Kuhl.*
Cymotomus obscurus, *Macgill.*
Nestris obscura, *Keys. & Bl.*

2. THALASSIDROMA.

? a. BULWERIA.

? 1. THALASSIDROMA BULWERI. Bulwer's Petrel. B.M.

Procellaria Bulwerii, *Jard. & Selby.*
Procellaria anjinko, *Heik.*
Procellaria (Puffinus) columbina, *Webb. & Berth.*
Thalassidroma? Bulweri, *Gould.*
Bulwer's Petrel, *Yarr.*

b. THALASSIDROMA.

2. THALASSIDROMA PELAGICA. The Stormy Petrel. B.M.

Procellaria pelagica, *Linn.*; *Hewit. Brit. Ool.* pl. 37. f. 2.
Hydrobates pelagica, *Boie.*
Hydrobates Faeroeensis, *Brehm.*

Thalassidroma pelagica, *Vigors.*
Thalassidroma melitensis, *Schemb.*
Stormy Petrel, *Mont.*
Common Storm Petrel, *Selby.*
Storm Petrel, *Yarr.*

3. THALASSIDROMA LEACHII. The Forked-tailed Petrel.

Procellaria Leachii, *Temm.*
Hydrobates Leachii, *Boie.*
Thalassidroma Leachii, *Keys. & Bl.*
Procellaria Bullockii, *Flem.*
Thalassidroma Bullockii, *Selby.*
Fork-tailed Storm Petrel, *Selby.*
Forked-tailed Petrel, *Yarr.*

? c. OCEANITES.

? 4. THALASSIDROMA WILSONI. Wilson's Petrel.

Procellaria Wilsoni, *Pr. Bonap.*
Procellaria pelagica, *Wils.*
Oceanites Wilsoni, *Keys. & Bl.*
Thalassidroma Wilsonii, *Pr. Bonap.*
Wilson's Petrel, *Yarr.*

3. PROCELLARIA.

1. PROCELLARIA GLACIALIS. The Fulmar Petrel. B.M.

Procellaria glacialis, *Linn.*; *Hewit. Brit. Ool.* pl. 37. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 22. f. 1; *Schinz, Eier.* t. 19. f. 6; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 2.
Fulmarus glacialis, *Steph.*
Procellaria hiemalis, *Brehm.*
Rhantistes glacialis, *Kaup.*
Fulmar or Fulmer, *Mont.*
Fulmar Petrel, *Penn.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 44. f. 2.

Fam. V. LARIDÆ.

i. Larinæ.

1. STERCORARIUS.

1. Stercorarius catarrhactes. The Common Skua. B.M.

Larus catarractes, *Linn.*
Cataractes vulgaris, *Flem.*
Catarracta skua, *Retz.*
Catharacta skua, *Brünn.*
Catarractes skua, *Steph.*
Lestris catarractes, *Ill.*; *Hewit. Brit. Ool.* pl. 56; *Thienem. Fortpfl. Vög. Eur.* t. 21. f. 4; *Schinz, Eier*, t. 20. f. 4; t. 23. f. 2, 3; *Leferre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 25.
Lestris catarrhacta, *Naum. Eierw.* t. 10. f. 5.
Catarracta fusca, *Leach.*
Lestris skua, *Brehm.*
Stercorarius catarrhactes, *G. R. Gr.*
Skua Gull, *Mont.*; *Lew. Br. B. & Eggs*, pl. 42. f. 2.
Common Skua, *Selby*; *Yarr.*
Zinanni, Uova, t. 21. f. 102.

2. Stercorarius pomarinus. The Pomarine Skua.

Lestris pomarina, *Temm.*; *Naum. Eierw.* t. 10. f. 6; *Schinz, Eier*, t. 12. f. 2? *Oken, Naturg. Nest. u. Eier*, t. 5. f. 22,
Cataractes pomarina, *Steph.*
Lestris strintus, *Eyton.*
Lestris sphæriuros, *Brehm.*
Larus parasiticus, *Wolf und Meyer.*
Catarractes parasita, *var.* camtschatica, *Pall.*
Stercorarius pomarinus, *G. R. Gr.*
Pomarine Skua, *Selby*; *Yarr.*

3. Stercorarius parasiticus. The Arctic Skua. B.M.

Larus parasiticus, *Linn.*
Lestris parasitica, *Temm.*; *Thienem. Fortpfl. Vög. Eur.* t. 21. f. 5; *Schinz, Eier*, t. 12. f. 1; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 21. 23.

Lestris Richardsoni, *Swains.*; *Hewit. Brit. Ool.* pl. 51.
Larus crepidatus, *Gmel.*
Lestris crepidatus, *Temm.*; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 24.
Catharacta coprotheres, *Brünn.*
Catharacta parasitica, *Retz.*
Cataracta cepphus, *Leach.*
Cataractes parasita, *Pall.*
Catarractes parasiticus, *Flem.*
Stercorarius parasiticus, *G. R. Gr.*
Stercorarius cepphus, *Steph.*
Lestris Boji, Lestris Schleepii, et Lestris Benickii, *Brehm.*
Cataractes Richardsonii, *Macgill.*
Arctic Gull, *Mont.*; *Lew. Br. B. & Eggs*, pl. 40. f. 2.
Arctic Skua, *Selby.*
Black-toed Gull, *Mont.*
Richardson's Skua, *Yarr.*

4. STERCORARIUS CEPPHUS. Buffon's Skua. B.M.

Lestris Buffonii, *Boie*; *Thienem. Fortpfl. Vög. Eur.* t. 21. f. 6.
Lestris parasiticus? *Swains.*
Stercorarius cepphus, *G. R. Gr.*
Catharacta cepphus, *Brünn.*
Cataractes parasitica, *Pall.*
Lestris crepidata, *Brehm.*
Cataractes longicaudatus, *Macgill.*
Arctic Jager, *Steph.*
Buffon's Skua, *Yarr.*

? 2. RHODOSTETHIA.

? 1. RHODOSTETHIA ROSSII. Cuneate-tailed Gull.

Larus roseus, *Jard. & Selby.*
Larus Rossii, *Richardson.*
Rossia rosea, *Pr. Bonap.*
Rhodostethia Rossii, *Macgill.*

3. LARUS.

a. LEUCUS.

1. LARUS GLAUCUS. The Glaucous Gull. B.M.

Larus glaucus, *Brünn.*; *Hewit. Brit. Ool.* pl. 148; *Thienem.*

Fortpfl. Vög. Eur. t. 20. f. 1; *Schinz, Eier*, t. 22. f. 3; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 1.
Larus glacialis et Larus giganteus, *Benicke.*
Larus consul, *Boie.*
Leucus glaucus, *Kaup.*
Iceland Gull, *Edmondst.*
Glaucous Gull, *Selby*; *Yarr.*

2. LARUS LEUCOPTERUS. The Iceland Gull. B.M.

Larus leucopterus, *Faber*; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 10.
Larus argentatus, *Sabine.*
Larus glaucoides, *Temm.*; *Schinz, Eier*, t. 20. f. 3.
Larus arcticus, *Macgill.*
Larus islandicus, *Edmonst.*
Larus minor, Laroides glaucoides, Laroides leucopterus, et Laroides subleucopterus, *Brehm.*
Iceland Gull, *Selby*; *Yarr.*

3. LARUS MARINUS. The Great Black-backed Gull. B.M.

Larus marinus, *Linn.*; *Hewit. Brit. Ool.* pl. 99; *Thienem. Fortpfl. Vög. Eur.* t. 20. f. 2; *Schinz, Eier*, t. 11. f. 2; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 2.
Larus maximus, *Leach*; *Schinz, Eier*, t. 22. f. 4.
Larus Mulleri et Larus Fabricii, *Brehm.*
Leucus marinus, *Kaup.*
Great Black-backed Gull, *Mont.*; *Yarr.*
Wagel, *Mont.*
Wagel Gull, *Penn.*; *Lew. Br. B. & Eggs*, pl. 42.
Black-backed Gull, *Lew. Br. B. & Eggs*, pl. 41.

4. LARUS FUSCUS. The Lesser Black-backed Gull. B.M.

Larus fuscus, *Linn.*; *Hewit. Brit. Ool.* pl. 17; *Thienem. Fortpfl. Vög. Eur.* t. 20. f. 5; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 27.
Larus flavipes, *Meyer*; *Lefevre, Ool. Eur.* t. .
Larus cinereus, *Leach.*
Laroides melanotus, Laroides harengorum, et Laroides fuscus, *Brehm.*
Leucus fuscus, *Kaup.*
Less Black-backed Gull, *Mont.*
Lesser Black-backed Gull, *Selby*; *Yarr.*

5. LARUS ARGENTATUS. The Herring Gull. B.M.

Larus argentatus, *Brünn.*; *Hewit. Brit. Ool.* pl. 79; *Thienem. Fortpfl. Vög. Eur.* t. 20. f. 3; *Schinz, Eier*, t. 10; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 3, 4, 5, 6.
Larus glaucus, *Retz.*
Larus glaucus, pt., *Temm.*
Laroides major, Laroides argentatus, Laroides argenteus, Laroides argentatoides, Laroides argentaceus, et Laroides americanus, *Brehm.*
Herring Gull, *Yarr.*
Silvery Gull, *Penn.*

6. LARUS CANUS. The Common Gull. B.M.

Larus canus, *Linn.*; *Hewit. Brit. Ool.* pl. 57; *Thienem. Fortpfl. Vög. Eur.* t. 20. f. 6; *Schinz, Eier*, t. 11. f. 5, 6; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 7, 8.
Larus hybernus, *Gmel.*
Larus cyanorhynchus, *Meyer.*
Larus procellosus, pt., *Bechst.*
Laroides procellosus, Laroides canus, et Laroides canescens, *Brehm.*
Common Gull, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 41 f. 1.
Winter Gull, *Mont.*

Zinanni, Uova, t. 22. f. 104; *Klein, Ova Av.* t. 20. f. 5

b. CHROICOCEPHALUS.

? 7. LARUS ATRICILLA. The Laughing Gull.

Larus atricilla, *Linn.*
Larus ridibundus, *Wils.*
Xema atricilla, *Boie.*
Larus plumbiceps, *Brehm.*
Gavia atricilla, *Macgill.*
Laughing Gull, *Mont.*; *Yarr.*

8. LARUS RIDIBUNDUS. The Black-headed Gull. B.M.

Larus ridibundus, *Linn.*; *Hewit. Brit. Ool.* pl. 102; *Thienem. Fortpfl. Vög. Eur.* t. 21. f. 2; *Naum. Eierw.* t. 8. f. 4;

Schinz, Eier, t. 12. f. 3, 4; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 6. f. 11.
Larus cinerarius, *Linn.*
Larus canescens, *Bechst.*
Larus erythropus, *Gmel.*
Larus procellosus, pt., *Bechst.*
Xema ridibundus, *Boie.*
Xema pileatum, *Brehm.*
Chroicocephalus ridibundus, *Eyton.*
Gavia ridibunda, *Kaup.*
Larus atricilla et Larus nævius, *Pall.*
Black-headed Gull, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 43. f. 1.
Brown-headed Gull, *Mont.*
Red-legged Gull, *Mont.*
Black-headed Gull, variety, *Penn.*

? 9. LARUS CAPISTRATUS. The Masked Gull.

Larus capistratus, *Temm.*; *Thienem. Fortpfl. Vög. Eur.* t. 21. f. 3; *Schinz, Eier*, t. 21. f. 3.
Larus ridibundus, pt., *Keys. & Bl.*
Larus ridibundus minor, *Schleg.*
Xema capistrata, *Boie.*
Chroicocephalus capistratus, *Eyton.*
Gavia capistrata, *Kaup.*
Masked Gull, *Lath.*; *Yarr.*
Brown-headed Gull, *Eyton.*

? 10. LARUS BONAPARTII. Bonaparte's Gull.

Larus Bonapartii, *Richards. & Swains.*
Xema Bonapartii et Larus capistratus, *Pr. Bonap.*

c. HYDROCOLÆUS.

11. LARUS MINUTUS. The Little Gull.

Larus minutus, *Pall.*; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 26
Larus atricilloides, *Falk.*
Xema minutum, *Boie.*
Hydrocoleus minutus, *Kaup.*
Chroicocephalus minutus, *Eyton.*
Gavia minuta, *Macgill.*
Little Gull, *Mont.*; *Yarr.*

? 4. XEMA.

? 1. XEMA SABINI. Sabine's Gull.

Xema Sabini, *Leach.*
Larus Sabini, *Sabine.*
Gavia Sabini, *Macgill.*
Xema collaris, *Leach.*
Sabine's Xeme, *Eyton.*
Sabine's Gull, *Yarr.*

5. RISSA.

1. RISSA TRIDACTYLA. The Kittiwake Gull. B.M.

Larus Rissia, *Linn.*; *Hewit. Brit. Ool.* pl. 89.
Larus tridactylus, *Linn.*; *Thienem. Fortpfl. Vög. Eur.* t. 21. f. 1; *Schinz, Eier,* t. 11. f. 3, 4; *Oken, Naturg. Nest. u. Eier.* t. 6. f. 9.
Larus gavia, Larus canus, et Larus torquatus, *Pall.*
Gavia tridactyla, *Boie.*
Rissa Brunnichii, *Leach.*
Cheimonea tridactyla, *Kaup.*
Rissa cinerea, *Eyton.*
Rissa tridactyla, *Macgill.*
Laroides tridactylus, Laroides rissa, et Laroides minor, *Brehm.*
Kittiwake, *Mont.*; *Lew. Br. B. & Eggs,* pl. 43. f. 2.
Kittiwake Gull, *Penn.*; *Yarr.*
Tarrock Gull, *Mont.*

6. PAGOPHILA.

1. PAGOPHILA EBURNEA. The Ivory Gull.

Larus eburneus, *Gmel.*
Larus niveus, *Mart.*
Larus candidus, *Fabr.*
Cetosparactes eburneus, *Macgill.*
Pagophila eburnea, *Kaup.*
Gavia eburnea, *Boie.*
Gavia nivea, *Brehm.*
Ivory Gull, *Selby*; *Yarr.*

ii. Sterninæ.

1. STERNA.

a. Thalasseus.

1. Sterna caspia. The Caspian Tern.

Sterna caspia, *Pall.*; *Hewit. Brit. Ool.* pl. 125; *Thienem. Fortpfl. Vög. Eur.* t. 19. f. 5; *Schinz, Eier*, t. 13. f. 6; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 9, 10.
Sterna Tschegrava, *Lepechin.*
Sterna megarhynchos, *Meyer.*
Thalasseus caspius, *Boie.*
Hydroprogne caspia, *Kaup.*
Sylochelidon caspia, Sylochelidon balthica, et Sylochelidon Schillingii, *Schinz, Eier*, t. 23. f. 5; *Brehm.*
Caspian Tern, *Selby*; *Yarr.*

?2. Sterna velox. The Swift Tern.

Sterna velox, *Rupp.*; *Thompson.*

b. Actochelidon.

3. Sterna cantiaca. The Sandwich Tern. B.M.

Sterna cantiaca, *Gmel.*; *Hewit. Brit. Ool.* pl. 4; *Thienem. Fortpfl. Vög. Eur.* t. 19. f. 6; *Schinz, Eier*, t. 12. f. 5–8; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 11, 12, 13.
Sterna Boysii, *Lath.*
Sterna nævia, *Bew.*
Sterna stuberica, *Bechst.*
Sterna canescens, *Meyer.*
Sterna africana, *Gmel.*
Sterna nebulosa, *Sparrm.*
Sterna striata, *Gmel.*
Thalasseus cantiacus, *Boie.*
Columba columbina, *Schrank.*
Actochelidon cantiacus, *Kaup.*
Thalasseus canescens et Thalasseus candicans, *Brehm.*
Sandwich Tern, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 38. f. 2.

c. Sterna.

4. Sterna paradisea. The Roseate Tern. B.M.

Sterna paradisea, *Brünn.*
Sterna Dougallii, *Mont.*; *Hewit. Brit. Ool.* pl. 66; *Thienem. Fortpfl. Vög. Eur.* t. 19. f. 7; *Schinz, Eier*, t. 13. f. 7; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 5.
Thalassæa Dougalli, *Kaup.*
Sterna Macdougalli, *Macgill.*
Hydrocecropis Dougallii, *Boie.*
Roscate Tern, *Mont.*; *Yarr.*

5. Sterna hirundo. The Common Tern. B.M.

Sterna hirundo, *Linn.*; *Hewit. Brit. Ool.* pl. 103; *Thienem. Fortpfl. Vög. Eur.* t. 19. f. 8; *Naum. Eierw.* t. 1. f. 3 *a*, *b*; *Schinz, Eier*, t. 13. f. 1–4; *Graves, Ov. Br.* pl. . f. 1; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 3, 4.
Sterna fluviatilis, *Naum.*
Sterna pomarina, *Brehm.*
Sterna marina, *Eyton.*
Hydrocecropis hirundo, *Boie.*
Common Tern, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 39. f. 1.
Brown Tern, *Mont.*
Brown Gull, *Penn.*

6. Sterna macroura. The Arctic Tern. B.M.

Sterna macroura, *Naum.*; *Thienem. Fortpfl. Vög. Eur.* t. 19. f. 9; *Schinz, Eier*, t. 13. f. 8; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 6, 7, 8.
Sterna hirundo, *Faber.*
Sterna arctica, *Temm.*; *Hewit. Brit. Ool.* pl. 19.
Sterna argentata et Sterna argentacea, *Brehm.*
Sterna Nitzschii, *Kaup.*
Sterna brachytarsa, *Graba?*
Arctic Tern, *Selby*; *Yarr.*

d. Gelochelidon.

7. Sterna anglica. The Gull-billed Tern.

Sterna anglica, *Mont.*; *Thienem. Fortpfl. Vög. Eur.* t. 19. f. 10; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 14.

Sterna stubberica, *Otto.*
Thalasseus anglicus, *Boie.*
Viralva? anglica, *Steph.*
Gelochelidon balthica, Gelochelidon agraria, et Gelochelidon meridionalis, *Brehm.*
Laropis anglica, *Wagl.*
Gelochelidon palustris, *Macgill.*
Gelochelidon anglica, *Pr. Bonap.*
Sterna risoria, *Brehm.*
Gull-billed Tern, *Mont.*; *Yarr.*

e. STERNULA.

8. STERNA MINUTA. The Lesser Tern. B.M.

Sterna minuta, *Linn.*; *Hewit. Brit. Ool.* pl. 25; *Thienem. Fortpfl. Vög. Eur.* t. 19. f. 12; *Naum. Eierw.* t. 3. f. 6; *Schinz, Eier*, t. 9. f. 5-7; *Graves, Ov. Br.* pl. . f. 3; *Lefevre, Ool. Eur.* t. ; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 15, 16.
Sterna metopoleucos, *S. G. Gmel.*
Sternula minuta, *Boie.*
Sternula fissipes, Sternula pomarina, et Sternula danica, *Brehm.*
Lesser Tern, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 39. f. 2.

2. HYDROCHELIDON.

1. HYDROCHELIDON HYBRIDA. The Whiskered Tern. B.M.

Sterna hybrida, *Pall.*
Sterna leucopareia, *Natt.*; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 19.
Sterna Delamotta, *Vieill.*
Viralva leucopareia, *Steph.*
Pelodes leucopareia, *Kaup.*
Hydrochelidon leucopareia, *Boie*; *Brehm.*
Hydrochelidon hybrida, *G. R. Gr.*
Whiskered Tern, *Yarr.*

2. HYDROCHELIDON FISSIPES. The Black Tern. B.M.

Sterna fissipes, *Linn.*; *Graves, Ov. Br.* pl. . f. 2; *Lefevre, Ool. Eur.* t. .
Sterna nigra, *Briss.*; *Hewit. Brit. Ool.* pl. 48; *Thienem*

Fortpfl. Vög. Eur. t. 19. f. 11; *Naum. Eierw.* t. 6. f. 7; *Schinz, Eier.*; t. 8. f. 6, 7; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 17, 18.
Hydrochelidon nigra, *Boie.*
Hydrochelidon fissipes, *G. R. Gr.*
Viralva nigra, *Steph.*
Sterna nævia, *Linn.*
Hydrochelidon nigricans et Hydrochelidon obscura, *Brehm.*
Black Tern, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 40. f. 1.

3. HYDROCHELIDON NIGRA. The White-winged Black Tern. B.M.

Sterna nigra, *Linn.*
Sterna leucoptera, *Meisner, u. Schinz*; *Oken, Naturg. Nest. u. Eier*, t. 5. f. 20.
Sterna fissipes, *Pall.*
Hydrochelidon leucoptera, *Boie.*
Viralva leucoptera, *Steph.*
Hydrochelidon nigra, *G. R. Gr.*
White-winged Black Tern, *Yarr.*

? 3. ANOÜS.

? 1. ANOÜS STOLIDUS. The Black Noddy.

Sterna stolida, *Linn.*
Anoüs niger, *Steph.*
Megalopterus stolidus, *Keys. & Bl.*
Anoüs stolidus, *G. R. Gr.*
Black Noddy, *Eyton*; *Yarr.*

FAM. VI. PELECANIDÆ.

i. PELECANINÆ.

1. SULA.

1. SULA BASSANA. The Gannet. B.M.

Pelecanus bassanus, *Linn.*
Pelecanus maculatus, *Gmel.*
Sula Bassana, *Boie*; *Hewit. Brit. Ool.* pl. 34; *Lefevre, Ool. Eur.* t. .

Moris bassana, *Leach.*
Sula alba, *Meyer*; *Schinz, Eier*, t. 19. f. 5.
Morus bassanus, *Vieill.*
Dysporus bassanus, *Illig.*; *Thienem. Fortpfl. Vög. Eur.* t. 27. f. 3.
Sula major, *Brehm.*
Gannet, *Mont.*; *Yarr.*; *Lew. Br. B. & Eggs*, pl. 52. f. 1.
Solan Gannet, *Selby.*

2. GRACULUS.

1. GRACULUS CARBO. The Common Corvorant. B.M.

Pelecanus carbo, *Linn.*
Pelecanus phalacrocorax, *Brünn.*
Carbo cormoranus, *Meyer*; *Hewit. Brit. Ool.* pl. 74. f. 1; *Thienem. Fortpfl. Vög. Eur.* t. 27. f. 1; *Schinz, Eier*, t. 8. f. 4; *Lefevre, Ool. Eur.* t. .
Halieus carbo, *Illig.*
Phalacrocorax carbo, *Leach.*
Hydrocorax carbo, *Vieill.*
Graculus carbo, *G. R. Gr.*
Halieus cormoranus, *Naum.*
Carbo glacialis, Carbo arboreus, et Carbo subcormoranus, *Brehm.*
Corvorant, *Mont.*
Common Corvorant, *Penn.*; *Yarr.*
Crested Corvorant, *Bew.*

2. GRACULUS LINNÆII. The Shag. B.M.

Pelecanus graculus, *Linn.*
Pelecanus cristatus, *Faber.*
Carbo cristatus, *Temm.*; *Thienem. Fortpfl. Vög. Eur.* t. 27. f. 2; *Lefevre, Ool. Eur.* t. .
Halieus graculus, *Illig.*
Phalacrocorax graculus, *Leach.*
Hydrocorax graculus, *Vieill.*
Carbo graculus, *Meyer*; *Hewit. Brit. Ool.* pl. 74. f. 2; *Schinz, Eier*, t. 8. f. 5.
Phalacrocorax cristatus, *Steph.*
Pelecanus leucogaster, *Vieill.*
Carbo brachyuros, *Brehm.*
Graculus Linnæii, *G. R. Gr.*
Shag, *Mont.*
Crested Shag, *Mont.*

Crested Corvorant, *Penn.*
Crested Shag or Green Cormorant, *Selby.*
Shag or Green Cormorant, *Yarr.*

? 3. PELECANUS.

? 1. PELECANUS ONOCROTALUS. The White Pelican.

Pelecanus onocrotalus, *Linn.*; *Lefevre, Ool. Eur.* t.
Pelecanus roseus, *Eversm.*
Onocrotalus Phœnix, *Less.*
Pelican, *Mont.*

Marsigli Danubius, Illustr. iv. t. 35.

THE END.

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LIST

OF THE

SPECIMENS

OF

BRITISH ANIMALS

IN

THE COLLECTION

OF THE

BRITISH MUSEUM.

PART X.—LEPIDOPTERA,

(CONTINUED).

PRINTED BY ORDER OF THE TRUSTEES.

LONDON, 1852.

LONDON:
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INTRODUCTION.

THE principal object of the present Catalogue has been to give a complete list of all the Tortrices that have been recorded as found in Great Britain, indicating at the same time those species that are contained in the Collection.

This Catalogue has been prepared by JAMES FRANCIS STEPHENS, Esq., so well known for his works on British Insects, for the extent of his cabinet, and the liberality with which he allows it to be consulted.

Mr. Stephens has endeavoured to arrange these insects according to their natural affinities, so far as is practicable with a local collection; and has taken great pains to ascertain every name which has been applied to the respective species and their varieties, the author of the same, and the date of publication; the references to such names as are unaccompanied by descriptions being included in parentheses: all are arranged chronologically, excepting those to the illustrations and to the figures, which invariably follow their authorities. With these exceptions it has not been attempted to give the synonymy, from the impracticability of so doing within moderate limits; they may be found quoted at length, up to the period of its publication, in Mr. Stephens's 'Systematic Catalogue of British Insects,' 8vo, 1829.

The species in the British Museum Collection are indicated by the letters, B. M., annexed; while those in the Synoptic List, to

which doubt is attached as to their indigenous pretensions, are distinguished by an asterisk (*) prefixed.

JOHN EDWARD GRAY.

British Museum,
April 12th, 1852.

Note. — Mr. Stephens observes, "He has pursued the plan commenced in the former part of this Catalogue, not only as to the arrangement of the contents, but in respect to all other particulars of nomenclature, &c. Upon this last-mentioned subject, however, he is desirous of adding a few remarks elucidatory of his opinions thereon, more especially as regards the nomenclature of the species, as from adhering to a rule hereunder noticed, many of the names have been by modern writers unnecessarily changed, and thus the "Babel" perplexity has been increased, will increase, and must continue increasing, unless a vigorous stand is made to arrest its progress, by adhering as strictly as practicable solely to priority: *e. g.* the Tortrix bistriana, *Haw.*, has (correctly enough) been referred to the T. rufana, *W. V.* 1775, and this last name properly retained for the species, as a Peronea, (*vide* page 8). In the author's 'Illustrations' there is a Carpocapsa rufana, now this name has been changed to Westwoodiana — as by the modern Micro-lepidopterological rules, alluded to above, there must not be two species, of the same name, in the higher groups terminating in *ana*, *ella*, &c.: † this last name

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"† Guenée (Mi. 83) discards the name Cribrum, *as impossible to be employed*, amongst the Tineæ, because it is applied to a Bombyx! Can absurdity go further? What would the Coleopterist do with his rufipes, pallidipennis, ater, &c. by following out so capricious a rule?"

was applied, supposing it to be original, in 1850, but lo! Zetterstedt in his 'Insecta Lapponica,' published in 1840, has a Conchylis Westwoodana; consequently the poor Carpocapsa should receive a new name: it however appears that Haworth described a bad specimen of the insect in question from the identical example now remarkably enough in Mr. Westwood's collection, under the name of T. expallidana, and which is restored to the species in this Catalogue: proceeding with the name under consideration—as one only amongst several almost similarly circumstanced — it will be found that Scopoli, in his *Ent. Carn.* p. 235, 1763, has a Tortrix rufana widely different to the Vienna species, probably Paramesia Shepherdana or P. ferrugana, and therefore from priority (were the reference certain) rufana should be employed for the Scopolian insect, and the Peronea ought to receive a new appellation, in accordance with the modern views herein repudiated; it being clearly a vitious principle to re-employ—as is, however, constantly done—a name once rejected if one of a kind is alone to be used in each principal group."

"Again, there is a Tortrix grossana, *Haw. L. B.* 1812 (Carpocapsa fagiglandana, *Heyd. MSS.*), whose specific name is still retained,—and with strict propriety as regards the ordinary rules of nomenclature,—although there is a T. grossana of *Thunberg, I. S.* p. 45, 1791, a Lozotænia, allied to Branderiana, but not indigenous, and omitted in modern Catalogues of European Lepidoptera, although well-known to, and mentioned by, Zetterstedt in 1840. At least a score of similar instances might be added."

"The tendency of the rule in question to promote confusion is thus cursorily but manifestly shown: it is however advisable to apply entirely unused names for new species, as far as practicable; a point notwithstanding of the utmost difficulty in the present prolific state of entomological literature: *e. g.* under the genus Retinia there is a

species called Pinicolana, in 1850, whereas Zeller has a Grapholitha under that name (*vide* p. 43) in the 'Isis' for 1846, a work not very accessible, as is the case with many others; hence the cause of the difficulty of avoiding a duplicate name. Indeed few persons, except those engaged in similar researches, can imagine the almost utter impossibility of obtaining, either a knowledge of the various periodicals and pamphlets, in which new species of insects are described, or of procuring even a sight of the works themselves, when their titles are ascertained, either in our public or private libraries."

"Other diversities of nomenclature unavoidably arise from differences of opinion in regard to the original names of the Vienna Catalogue, &c.: one of these may be here alluded to; viz., T. variegana as applied in the following pages to Peronea Abildgaardana,* *Doubleday*. This name (variegana) is employed by Guenée as the specific name of Antithesia Cynosbatella—although previously used by him (Mi. p. 10) as a synonym to Abildgaardana —but it is evidently so employed in error: the 'Theresians' say of variegana, in their appellative description, 'Gelblichtweisser W. mit dusterer Innenrandmackel, und buntem Untenrande,' which appears descriptive of the Peronea, and not of the Antithesia; the name is therefore hereafter applied accordingly: this leads to a final remark on the subject of specific names, viz., that the Theresian names are almost universally adopted in continental works, even when unaccompanied by descriptions, from the fact, that in the majority of cases original specimens are said to exist in the Vienna collection; and thus by adhering to a similar plan, there will be found a few names such as proximana, simpliciana, &c. restored, from the original specimens, bearing Haworth's autographic names,

* This name is *posterior* to Osbeckiana; *vide* p. 18.

being in the collection of the Entomological Society, which may be considered as a public one."

"The attempt to justify the use of each generic name would not only be out of place in a mere Catalogue, but would occupy too much space; it is, however, essential to allude to one or two instances of apparent 'love of change,' as it is too frequently termed, when one writer differs from another. Duponchel, in the 'Annales de la Société Entomologique de France,' vol. 3, p. 433 (1834), has a paper on the division of the Tortricidæ into genera; his 13th genus Ephippiphora, p. 446, is therein characterized, and T. dorsana given as the type; and this generic name is accordingly employed for the genus including dorsana and its congeners in the following pages. Guenée, in his *Eur. Mic. Ind. Méth.* p. 42, employs Ephippiphora for scutulana and its allies, whereas only two of Guenée's species are included by Duponchel therein, and those placed at the end — one of them, fœnella, being subsequently removed by him to Pædisca, in which genus he includes nearly the whole of the species enumerated by Guenée, under Ephippiphora. This transposition of the names caused Guenée, as he adopts both genera, to propose a new one for the true Ephippiphoræ (Stigmonota, *G.*); and as of course Duponchel's original name must be restored to its proper position, the name Halonota is subsequently proposed herein, for Ephippiphora of Guenée."

"One other instance only shall be noticed:—Treitschke, in his 7th vol. p. 232, proposes the genus Grapholita, and divides it into two sections A and B. Section B, including Petiverella, is synonymous with Ephippiphora, and section A, as hereafter employed under the name Grapholita, is converted by additions into Catoptria by Guenée, while he employs Grapholita to designate those insects improperly forced into section A, by Treitschke in his 8th vol., with

Hohenwarthiana and its congeners; a new name therefore became necessary, and a transposition of the old one has been employed."

"It may be observed, in conclusion, that Guenée's generic names are unaccompanied by descriptions: however, they, as also others similarly circumstanced, are subsequently employed, rather than substitute new ones, and thus add to the overwhelming numbers required in the present advanced state of Zoology."

"Some of the species of the genera Dichrorampha, Grapholita, Cnephasia, and Eupœcilia—especially of the two last—still require investigation as to their distinctness—they are either extremely variable, or more numerous than at present indicated; from their general rarity their habits are unknown."

"Since the above remarks were penned three volumes of the 'Species général des Lépidoptères,' par M.M. Boisduval and Guenée, Paris, 1852, containing the "Noctuélites" by the latter author, have appeared: an elaborate work, but wholly destitute of specific characters!! It would not have been referred to here but for the capricious use of numerous specific, as well as generic, names bearing upon the points under discussion. In the case of the specific names several of the alterations arise from the expansion of the 'homonymic' system, above deprecated, amongst the Noctuidæ; while others arise from an apparent abrogation of the law of priority, although in p. 104, vol. vi. (ii.) a name is restored by reason of its 'incontestable priorité.' As instances of this abrogation may be noticed the following, in vol. v. (i.), viz.:—

Page 102. Nonagria despecta, *Treit.* 1825. = Noctua rufa, *Haw.* 1810.

„ 106. Nonagria paludicola, *Hüb.* 1816. = Noctua geminipuncta, *Haworth*, 1810: *cum icone!*

Page 127. Hydræcia vindelicia, *Frey.* 1849. = Gortyna Petasitis, *Doub.* 1847.

„ 334. Noctua bella, *Bork.* 1792. = Noctua Rubi, *View.* 1790.

„ 388. Genus Hoporinia, *Bois.* 1840. = Jodia, *Hüb.* 1816. = Xantholeuca, *Step.* 1831.

Vol. vi. (ii.)

Page 405. Genus Gonoptera, *Lat.* 1825. = Scoliopteryx, *Germ.* 1811.

„ 433. Stilbia hybridata, *Hüb.* 1814. = Phytometra anomala, *Haw.* 1812.

"The first names are those adopted by Guenée, although he refers without question, to those above given of prior date; they are not duplicates, and therefore do not interfere with his favourite system; which appears to extend to species only, as shown by the following duplicate generic names, in vol. vi. (ii.), of established use in Entomology *alone*, many of them actually employed in the order Lepidoptera! And it is to be remembered that they are not mere Catalogue names, but names applied to characterized genera."

Page.		
7.	Dicycla (Oo), *G.* Eugramma, *Step.* 1850.	Dicyclus, *Walk.* Gen. Hym. 1833.
31.	Phorocera, *G.*	Phorocera, *Desv.* Gen. Dipt. 1830.
61.	Charidia, *G.*	Charidea, *Dalm.* Gen. Lepid.! 1816.
171.	Euterpia, *G.*	Euterpe, *Swains.* Gen. Lepid.! 1831.
236.	Leptosia, *G.*	Leptosia, *Hüb.* Gen. Lepid.! 1816.
357.	Thyria, *G.*	Thyra, *Dej.* Gen. Col. 1834.
379.	Hemiceras, *G.*	Hemicera, *Lapor.* Gen. Col. 1832.
386.	Achantodes, *G.*	Acanthodes, *Serv.* Gen. Ort. 1831.
401.	Eriocera, *G.*	Eriocera, *Macq.* Gen. Dipt. 1834.
409.	Barydia, *G.*	Baridius, *Schön.* Gen. Col. 1826.
410.	Syntomopus, *G.*	Syntomopus, *Walk.* Gen. Hym. 1833.

"In the same volume there are at least as many names of a similar character in use in the other departments of Zoology; and as many of both kinds in the other two volumes of the work; so that from fifty to sixty generic names are 'doubly employed' in the Noctuidæ alone: — a practical example of showing his opinion of the inferiority of *generic* to *specific* names used 'homonymically!' What notion can an individual obtain of the affinities, &c. of an insect by calling it Brassicæ? Certainly none: but if he uses the double name Pieris (or Mamestra) Brassicæ, he at once becomes acquainted with its position, and recognizes its allies."

"Perhaps some of the alterations cited above may arise from M. Guenée not studying other branches of Zoology—the Nomenclature of Agassiz would, however, have set him right — but that he sometimes expressly changes the names of species the two following references will sufficiently prove; viz.:—

Vol. i. p. 166. Calogramma picta, *Guer.* = Festiva, *Don.*

'J'ai adopté le nom de M. Guérin, celui de Donovan étant affecté, depuis longtemps, à une espèce du genre Noctua.'

(Regardless of there being a Noctua picta, *Fab.*)

Id. p. 223. Celæna Herbimacula, *Gu.* = Celæna renigera, *Step.*

'Je n'ai pu conserver son nom (renigera) qui désigne depuis longtemps une Agrotis bien connue.'

"And at the end of the 3rd vol. p. 399 he inserts, by way of 'Errata' a list of 21 specific names 'doubly employed' by him, with the new names he proposes to substitute for them. Notwithstanding these corrections others must be made by the followers of his system—one instance will suffice to show this. Haworth has described and Wood well-figured, a N. American species, Erastria?

apicosa, while Guenée has a Renodes apicosa, a native of Brazil, a totally distinct species."

"It is needless to occupy more space to prove the serious inconvenience inevitably connected with the promulgation of such a system at the present time. 'PRIORITY' and *priority alone*, of description, should be adopted as the only safe rule to avoid confusion; but it is not always an easy matter to arrive at the oldest name as previously mentioned, and which may be further instanced by a reference to Guenée's remark, vol. v. (i.) p. 110, on Nonagria lutosa: he there states that he has effaced the name Bathyerga, as being posterior to lutosa of Hübner, although in his Index in the French 'Annales,' vol. x. p. 237 (1841) he considers the latter as a different species, removed by several intermediate ones from lutosa! thus showing that his views have changed with time; a quality he scarcely allows to others; as gathered from the very note on the species in question: in which, after stating that it is 'assez commune en Angleterre, et varie extrémement pour la taille et pour la couleur;' he adds, 'nevertheless (Néanmoins) M. Stephens a créé à ses dépens, outre le type, deux autres espèces,' viz., pilicornis and Cannæ: the anachronism of these sentences renders them particularly, though doubtless unintentionally, unfair. In 1810 only one example of the species (called then crassicornis by Haworth) was known, a second (pilicornis, *Haw.*) in 1812, and two others before 1830, all captured in distant places and remarkably unlike each other, one only (called Cannæ), being smaller than the others: between the period last-mentioned and 1842, two or three other specimens only occurred, but after that time, by 'sugaring,' the insect was discovered to be abundant. Now as the supposed distinct species—crassicornis, pilicornis, and Cannæ—were so introduced in the 'Illustrations,' in 1829, and the paucity of specimens

mentioned, it was manifestly impossible to predicate *then* that the *now* well-known species was a common and a variable one: and moreover, these remarks of Guenée are made in 1852, notwithstanding the corrections of the synomyny were made in p. 136, of the former part of this Catalogue, published in 1850, of which Guenée should have been aware, as he quotes the genus Cœnobia therefrom in a preceding page (102) of his volume."

"Allusion has been made to the change of the name *Cribrum* amongst the Tineæ, in consequence of there being a *Cribrum* in Bombyx. Why therefore is *anachoreta* introduced by Guenée as a Noctua (vol. vi. p. 196) seeing that there is a long established Bombyx *anachoreta*? And again, Mamestra *Brassicæ* retains its name notwithstanding the well-known Papilio (Pieris) Brassicæ of our gardens."

"In conclusion, it may be added that these remarks are introduced solely with a view to point out the palpable inconvenience of the proposed system, and not from any captious spirit of opposition."

Books quoted, in addition to those referred to in Part 5.

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* *Frölich Enumeratio Tortricum*, L. regno Würtembergico, &c. 1 vol. 8vo., Tubingæ, 1828.

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CATALOGUE

OF

BRITISH MICRO-LEPIDOPTERA, § I.

Order LEPIDOPTERA.

(§ MICRO-LEPIDOPTERA).

Sub-Div. (IV.) LEPIDOPTERA VESPERTINA.

Lepidoptera Vespertina, *Step. H.* iv. 63, 1834.

Family I. TORTRICIDÆ.

Tortricidæ, *Leach, E. E.* ix. 135, 1815.

Sub-Family I. CYMBIDI.

Cymbidi, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 135, 1845). *Id.* (*Mi.* 1).

Genus 1, (357). HYLOPHILA.

Hylophila, *Hüb. V.* 396, 1816.
Chloëphora, *Step.* (*C.* ii. 168, 1829).
Halias, p., *Treit.* (*S.* vii. 227, 1829). *Id.* viii. 3, 1830.

1. HYLOPHILA PRASINANA. Green Silver Lines. B. M.

Phalæna-To. prasinana, *Lin. S. Nat.* i. 530, 1758.
Hylophila prasinana, *Step. H.* iv. 66, 1834. *West. & H. M.* ii. 108, t. 79, f. 1—3, 1844.
Pyralis Fagana, *Fab. Sp. I.* ii. 276, 1781.
Phalæna Fagana, *Don. B. I.* viii. 75, t. 281, 1799.
Chloëphora Fagana, *Step.* (*C.* ii. 168, 1829).
♂. Pyralis sylvana, *Fab. E. S.* iv. 2, 244, 1794.

2. HYLOPHILA QUERCANA. Scarce Silver Lines. B. M.

Tortrix Quercana, *Schiff.* (*W. V.* 125, 1776).
Hylophila Quercana, *Step. H.* iv. 67, 1834. *West. & H. M.* ii. 108, t. 79, f. 4—6, 1844.
Pyralis prasinana, *Fab. S. E.* 645, 1775.
Phalæna prasinana, *Don. B. I.* ii. 10, t. 40, fig. sup. 1793.
Chloëphora prasinana, *Step.* (*C.* ii. 168, 1829).
Tortrix bicolorana, *Fuesl.* (*S. I.* 41, 1775).

2, (358). EARIAS.

Earias, *Hüb. V.* 395, 1816.
Tortrix, p., *Step.* (*C.* ii. 169, 1829).
Halias, p., *Treit.* (*S.* iii. 227, 1829).
Earis, *Step. H.* iv. 67, 1834.
Halias ††, *Guén.* (*Mi.* i. 1845).

1. EARIAS CLORANA. The Cream-bordered Green Pea. B. M.

Phalæna-To. clorana, *Lin. F.* ii. No. 1303, 1761.
Earis clorana, *Step. H.* iv. 68, 1834. *West. & H. M.* ii. 108, t. 79, f. 7—9, 1844.

Sub-Fam. II. TORTRICIDI.

Tortricidi, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 136, 1845).

⅓, (359). TORTRIX.

Tortrix, *Auctorum.*
Aphelia, *Hüb. V.* 390, 1816.

1. TORTRIX VIRIDANA. The Pea Green T. B. M.

Phalæna-To. viridana, *Lin. S. Nat.* i. 530, 1758.
Tortrix viridana, *Step. H.* iv. 68, 1834. *Wood, I. E.* 129, t. 29, f. 844.
Var. *a*. Tortrix Suttneriana, *Schiff.* (*W. V.* 127, 1776).
Tortrix flavana, *Step.* (*C.* ii. 169, 1829).

2. TORTRIX PALLEANA. The Plain Yellow T.

Tortrix pallcana, *Treit. S.* viii. 99, 1830. *Step. H.* iv. 69, 1834.
Tortrix flavana, *Hüb. To.* t. 25, f. 157, 1801.
Tortrix viridana, var., *Fröl. T. W.* 17, 1828.

3. TORTRIX ICTERANA. The Jaundiced T.

Tortrix icterana, *Fröl. T. W.* 70. 1828.
Tortrix flavana, *Hüb. To.* t. 41, f. 258, 1804.
Tortrix palleana, *Wood, I. E.* 129, t. 29, f. 846.
Tortrix Viburnana, *West. & H. M.* ii. 109, t. 79, f. 12, 1844.

4. TORTRIX VIBURNANA. The Drab T. B. M.

Tortrix Viburnana, *Schiff.* (*W. V.* 128, 1766). *Step. H.* iv. 69, 1834. *Wood, I. E.* 129, t. 29, f. 847.
Tortrix Unitana, *Hüb. To.* t. 19, f. 123, 1801. *Step.* (*Cat.* ii. 169, 1829).
Tortrix pillerana, *West. & H. M.* ii. 109, t. 79, f. 13, 14, 1844.
Tortrix Galiana, *Cur. B. E.* xvi. t. 762, ♂ et ♀, 1839.
♀. Tortrix rhombana, *Schiff.* (*W. V.* 128, 1766).
Tortrix Galiana, *Bent. MSS. Curt. G.* 166, 1831. *Step. H.* iv. 396, 1835. *Wood, I. E.* 129, t. 29, f. 845.
Var.? *a*. Tortrix unicolorana, *Dup. L. F.* ix. 103, t. 240, f. 6, 1834.
Var.? *b*. Tortrix Aspodilana, *H.-Schæff.? S. To.* t. 6, f. 35, 36.

4, (360). LOZOTÆNIA.

Lozotænia, *Step.* (*C.* ii. 169, 1829). *Id. H.* iv. 69, 1835.
Tortrix, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 136, 1845). *Id.* (*Mi.* 2).

a. PANDEMIS.

Pandemis, *Hüb. V.* 388, 1816.

1. LOZOTÆNIA FORSTERANA. The Forsterian T. B. M.

Pyralis Forsterana, *Fab. E. S.* iii. *b.* 251, 1792.
Lozotænia Forsterana, *Step. H.* iv. 70, 1834. *Wood, I. E.* 129, t. 29, f. 848.
Tortrix reticulana, *Fröl. To. W.* 33, 1828.
Tortrix adjunctana, *Treit. E. S.* viii. 54, 1830.
Tortrix sineana, *Frey. N. B.* i. 175, t. 18, f. 1, 1833.
Var.? *a.* Tortrix Laviceana, *Dup. L. F.* ix. 83, t. 239, f. 4, 1834.

2. LOZOTÆNIA SORBIANA. The Hazel T. B. M.

Tortrix Sorbiana, *Hüb. To.* t. 18, f. 113, 1801.
Lozotænia Sorbiana, *Wood, I. E.* 129, t. 29, f. 849, 1835.
Tortrix Avellana, *Haw. L. B.* 421, 1812.
Lozotænia Avellana, *Step. H.* iv. 70, 1834.

3. LOZOTÆNIA DUMETANA. The Thicket T.

Tortrix dumetana, *Treit. Sup.* x. 3, t. 60, 1835.
Tortrix Cratægana, *Frey. N. B.* i. 94, t. 48, f. 4, 1833.

4. LOZOTÆNIA TRANSITANA. The Maple T. B. M.

Tortrix transitana, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 138, 1845). *Id. Mi.* 4.
Tortrix Acerana, *Haw. L. B.* 425, 1812.
Lozotænia Aceriana, *Step. H.* iv. 79, 1834. *Wood, I. E.* 132, t. 29, f. 869.

5. LOZOTÆNIA CINNAMOMEANA. The Cinnamon T.

Tortrix cinnamomeana, *Treit. S.* viii. 61, 1830. *Fisch. v. R.* 12, t. 9, f. 2, *a—c*, 1834.
Lozotœnia cinnamomeana, *Step. H.* iv. 71, 1834. *West. & H. M.* ii. 110, t. 79, *b*. 20, 1844.
Tortrix croceana, *Fröl. To. W.* 36, 1828.

6. LOZOTÆNIA HEPARANA. The Dark Oblique Bar. B. M.

Tortrix heparana, *Schiff.* (*W. V.* 128, 1776).
Lozotœnia heparana, *Step. H.* iv. 71, 1834, *Wood, I. E.* 129, t. 29, f. 850.
Tortrix Padana, *Schr. F. B.* ii. 2, No. 1755.
Tortrix Carpiniana, *Hüb. To.* t. 18, f. 116, 1801. *Step.* (*C.* ii. 169, 1829).
Tortrix Pasquayana, *Fröl. T. W.* 36, 1828.
Pyralis fasciana, *Fab.? M.* ii. 230, 1787.
Var. *a*. Tortrix Pasquayana, *Schiff.* (*W. V.* 318, 1776).
Var. *b*. Tortrix rubrana, *Bull. S. I. Mosc.* ii. 71, t. 1, f. 5, 1830, *teste Treit. Sup.* x. 3, 245.

7. LOZOTÆNIA RIBEANA. The Common Oblique Bar. B. M.

Tortrix Ribeana, *Hüb. To.* t. 18, f. 114, 1801.
Lozotœnia Ribeana, *Step. H.* iv. 72, 1834. *Wood, I. E.* 130, t. 29, f. 852.
Var. *a*. Tortrix Cerasana, *Hüb. To.* t. 19, f. 119, 1801.
Lozotœnia Cerasana, *Step. H.* iv. 72, 1834. *Wood, I. E.* 130, t. 29, f. 854.
Tortrix Avellana, *Fröl. T. W.* 36, 1828.
Var. *b*. Tortrix flavana, *Dup.? L. F.* ix. 87, t. 239, f. 6, 1834.
Lozotœnia Grossulariana, *Step.* (*C.* ii. 170, 1829). *Step. H.* iv. 72, 1834. *Wood, I. E.* 130. t. 29, f. 853.

8. LOZOTÆNIA CORYLANA. The Great Checquered T. B. M.

Pyralis Coryl.na, *Fab. E. S.* iii. *b*, 260, 1794.
Lozotœnia Corylana, *Step. H.* iv. 73, 1834. *Wood, I. E.* 130, t. 29, f. 855.
Tortrix textana, *Hüb. To.* t. 11, f. 115, 1801.

9. LOZOTÆNIA UNIFASCIANA. The Saffron T. B. M.

Tortrix unifasciana, *Dup. L. F. Sup.* 135, t. 61, f. 6, 1842.
Tortrix croceana, *Haw. L. B.* 424, 1812.
Lozotænia croceana, *Step. H.* iv. 73, 1834. *Wood, I. E.* 130, t. 29, f. 856.
Tortrix obliterana, *Heyden, MSS.*
Var.? *a.* Tortrix consimilana, *Hüb.? To.* t. 38, f. 239, 1813.

10. LOZOTÆNIA PICEANA.* The Pine Hook-tipped T.

Phalæna-To. piceana, *Lin. S. Nat.* i. 531, 1758.
Tortrix piceana, *Ratz. F. I.* ii. 213, t. 14, f, 6, 6, ♂ et ♀, 1840.
♂. Tortrix Xylosteana, *Hüb. To.* t. 42, f. 264, 1814.
♀. Phalæna-To. oporana, *Lin. S. Nat.* i. 530, 1758.
Tortrix Hermanniana, *Schiff.* (*W. V.* 317, 1776).
Lozotænia dissimilana, *Bent. Zool.* iii. 1000, 1845, 6.

b. CACOECIA.

Cacoecia, *Hüb. V.* 388, 1816.

11. LOZOTÆNIA FULVANA. The Great Hook-tipped T. B. M.

Tortrix Rosana, *Fröl. To. W.* 32, 1828. *Step. H.* iv. 75, 1834.
Tortrix Ameriana, *Treit. S.* viii. 49, 1830.
♂. Tortrix Pyrastrana, *Hüb. To.* t. 20, f. 124, 1801.
Tortrix fulvana, *Schiff.?* (*W. V.* 128, 1776).
Lozotænia fulvana, *Step.* (*C.* ii. 170, 1829).
Tortrix Germingiana, *Haw. L. B.* 428, 1812.
♀. Tortrix congenerana, *Hüb. To.* t. 47, f. 295, 1822.
Tortrix oporana, *Haw. L. B.* 427, 1812.
Lozotænia oporana, *Step. H.* iv. 75, 1834. *Wood, I. E.* 131, t. 29, f. 860.
Lozotænia Rosana, *Step. H.* iv. 75, 1834. *Wood, I. E.* 131, t. 29, f. 861, ♂.
Var. *a.* Lozotænia fuscana, *Step.* (*C.* ii. 170, 1829).
Lozotania Rosana, ♀, *Wood, I. E.* t. 29, f. 861.
Var.? *b.* Tortrix vulpisana, *H.-Schæff. S. To.* t. 5, f. 34.

12. LOZOTÆNIA ROBORANA. The Oak Hook-tipped T. B. M.

Tortrix Roborana, *Hüb. To.* t. 20, f. 126, 1801.
Lozotænia Roborana, *Step. H.* iv. 77, 1834. *Wood, I. E.* 131, t. 29, f. 864.
Tortrix piceana, *Fröl. T. W.* 31, 1828.
Tortrix Xylosteana, var., *Treit. S.* viii. 56, 1830.
♂. Tortrix Roborana, *Hüb. To.* t. 20, f. 126, 1801.
♀. Tortrix Cratægana, *Hüb. To.* t. 17, f. 107, 1801.
Lozotænia Cratægana, *Step. H.* iv. 75, 1830.
Lozotænia Branderiana, *Step.* (*C.* ii. 170, 1829). *Wood, I. E.* 131, t. 29, f. 862.

13. LOZOTÆNIA XYLOSTEANA. The Forked Red-bar. B. M.

Phalæna-To. Xylosteana, *Lin. S. Nat.* i. 531, 1758.
Lozotænia Xylosteana, *Step. H.* iv. 76, 1830. *Wood, I. E.* 131, t. 29, f. 863.
♀. Tortrix Characterana, *Hüb. To.* t. 20, f. 125, 1801.
Var. *a.* Tortrix obliquana, *Haw. L. B.* 421, 1812.
Lozotænia obliquana, *Step. H.* iv. 27, 1834. *Wood, I. E.* 131, t. 29, f. 865.
Tortrix cinnamomea, ♀ ? *Doub.* (*L.* 21, 1850).

14. LOZOTÆNIA ROSANA. The Rose T. B. M.

Phalæna-To. Rosana, *Lin. S. Nat.* i. 530, 1758.
Tortrix lævigana, *Schiff.* (*W. V.* 129, 1776).
Lozotænia lævigana, *Step. H.* iv. 74, 1834. *Wood, I. E.* 130, t. 29, f. 857.
♂. Phalæna-To. Avellana, *Lin.* ? *S. Nat.* i. 531, 1758.
Pyralis variana, *Fab. M.* ii. 231, 1787.
Tortrix Acerana, *Hüb. To.* t. 19, f. 118, 1801.
♀. Tortrix Oxyacanthana, *Hüb. To.* t. 18, f. 117, 1801.
Var. ♂. Phalæna Ameriana, *Lin. S. Nat.* i. 531, 1758.
Var. *a.* Tortrix Viburnana, *Haw. L. B.* 435, 1812.
Var. *b.* Tortrix Branderiana, *Haw. L. B.* 424, 1812.
Var. *c.* Tortrix fuscana, *Haw. L. B.* 424, 1812.
Var. *d.* Tortrix Rosana, *Haw. L. B.* 424, 1812.
Lozotænia nebulana, *Step. H.* iv. 74, 1834. *Wood, I. E.* 130, t. 29, f. 858.

15. LOZOTÆNIA SEMIALBANA. The Scorched Oblique-bar.

Tortrix semialbana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 139, 1845.
Id. Mi. 5.
Tortrix Modeeriana, *Haw. L. B.* 423, 1812.
Lozotænia Modeeriana, *Step. H.* iv. 78, 1834. *Wood, I. E.* 132, t. 30, f. 868.
Tortrix consimilana, *Treit. S.* viii. 75, 1830.
Tortrix croceana, *Cur. Ann. & M. Nat. Hist.* 2 *Ser.* v. 110, 1850.

c. PHILEDONE.

Philedone, p., *Hüb. V.* 389, 1816.

16. LOZOTÆNIA COSTANA. The Straw Oblique-bar. B. M.

Tortrix costana, *Schiff.* (*W. V.* 127, 1776).
Lozotænia costana, *Step. H.* iv. 78, 1834. *Wood, I. E.* 132, t. 29, f. 866.
Tortrix Gnomana, *Hüb. To.* t. 21, f. 131, 1801.
Phalæna Betulana, *Don. B. I.* xi. 26, t. 369, f. 2, 1806.
♀. Pyralis costana, *Fab. M.* ii. 227, 1787.
Var. *a.* Tortrix vinculana, *Treit. S.* viii. 74, 1830.

d. NEPHODESME.

Nephodesme, p., *Hüb. V.* 290, 1816.

17. LOZOTÆNIA BRANDERIANA. The Branderian T. B. M.

Phalæna-To. Branderiana, *Lin. S. Nat.* i. 531, 1758.
Phalæna-To. fuscana, *Clerck, Ic.* t. 4, f. 7, 1759.
Tortrix maurana, *Hüb. To.* t. 19, f. 122, 1801.
Pœcilochroma maurana, *Step. H.* iv. 141, 1834. *Wood, I. E.* 152, t. 34, f. 1033.
Var. *a.* Tortrix viduana, *Dup. L. F.* ix. 493, t. 262, f. 1, 1834.
Tortrix Donzelana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 140, 1845. *Id.* (*Mi.* 6).

5, (361). DICHELIA.

Dichelia, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 141, 1845). *Id.* (*Mi.* 7).
Epagoge, p., *Hüb. V.* 389, 1816.

1. DICHELIA GROTIANA. The Grotian T. B. M.

Pyralis Grotiana, *Fab. Sp. I. Sup.* ii. 508, 1781.
Lozotænia Grotiana, *Step. H.* iv. 79, 1834. *Wood, I. E.* 132, t. 30, f. 871.
Tortrix flavana, *Hüb. To.* t. 21, f. 133, 1801.
Var. *a.* Lozotænia ochreana, *Step. H.* iv. 80, 1834. *Wood, I. E.* 132, t. 30, f. 872.

6, (362). AMPHISA.

Amphisa, *Curt. B. E.* v. fo. 109, 1829.
Amphysa, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 141, 1845). *Id.* (*Mi.* 7).
Philedone, p., *Hüb. V.* 389, 1816. *Step. H.* iv. 81, 1834.

1. AMPHISA GERNINGIANA. The Germingian T. B. M.

Tortrix Germingiana, *Schiff.* (*W. V.* 318, 1776).
Amphisa Germingiana, *Step.* (*C.* ii. 172, 1829).
Philedone Germingiana, *Step. H.* iv. 82, 1834. *Wood, I. E.* 133, t. 30, f. 876.
Tortrix pectinana, *Hüb. To.* t. 17, f. 108, 1801.

2. AMPHISA PRODROMANA. The Early T.

Tortrix prodromana, *Hüb. Lar. To.* iv. *Gen. B. c*, f. 2, *a—c.*
Amphisa Walkerana, *Cur. B. E.* v. t. 209, 1828. *Step. H.* iv. 82, 1834.
Tortrix lunana, *Thunb.? I. S.* 24, 1784.

7, (363). ŒNECTRA.

Œnectra, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 142, 1845). *Id.* (*Mi.* 8).
Sparganothris, p., *Hüb. V.* 386, 1816.
Œnophthira, *Dup. C.* 288, 1846.
Ænectra, *Doub.* (*L.* 21, 1850).

1. Œnectra Pilleriana.* The Vine T.

Tortrix Pilleriana, *Schiff.* (*W. V.* 126, 1776). *Step. H.* iv. 396, 1835.
Pyralis Pillerana, *Fab. E. S.* iii. 2, 251, 1794.
Pyralis Vitis, *Bosc. Mem. S. Agri.* 22, t. 4, f. 6, 1786.
Pyralis Vitana, *Fab. E. S.* iii. 2, 249, 1794.
Tortrix luteolana, *Hüb. To.* t. 21, f. 136, 1801. *Wood, I. E.* 242, t. 52, f. 1677.
Pyralis Danticana, *Walkan. Ann. E. S. Fr.* v. 275, 1836.
Xanthosetia luteolana, *Wcst. & H. M.* ii. 179, t. 91, f. 16, 1844.

8, (364). SARROTHRIPA.

Sarrothripa, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 136, 1845.) *Id.* (*Mi.* 2).
Sarrothripus, *Curt. B. E.* i. 29, 1825.
Axia, *Hüb. V.* 395 (non 249), 1816.
Penthina A., *Treit. E. S.* viii. 22, 1830.

1. Sarrothripa revayana. The Large Marbled T. B. M.

Tortrix revayana, *Schiff.* (*W. V.* 130, 1776).
Pyralis rivagana, *Fab. M.* ii. 233, 1786.
Sarrothripa rewayana, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 136, 1845).
Var. *a.* Pyralis Ilicana, *Fab. S. I.* 283, 1781.
Sarrothripus Ilicanus, *Step. H.* iv. 147, 1834.
Sarrothripus Afzelianus, *Wood, I. E.* 154, t. 35, f. 1045.
Var. *b.* Tortrix punctana, *Hüb. To.* t. 2, f. 9, 1801.
Var. *c.* Tortrix ramosana, *Hüb. To.* t. 2, f. 10, 1801.
Var. *d.* Sarrothripus Stonanus, *Cur.* (*G.* iii. 203, 1837). *West. & H. M.* ii. 152, t. 91, f. 17, 1844.
Tortrix ramosana, *Dup. L. F. Sup.* iv. 119, t. 60, f. 5, 1842.
Var. *e.* Sarrothripus ramulanus, *Curt. B. E.* i. t. 2, 29, 1824. *Step. H.* iv. 147, 1834.
Var. *f.* Phalæna-To. Afzeliana, *Gmel.? S. N.* v. 2518, 1788.
Sarrothripus Afzelianus, *Step. H.* iv. 147, 1834.
Sarrothripus Ilicanus, *Wood, I. E.* 154, t. 34, f. 154, 1833.
Var. *g.* Phalæna-To. Lathamiana, *Gmel.? S. N.* v. 2518, 1788.
Sarrothripus Lathamianus, *Step. H.* iv. 146, 1834.
Phalæna Ilicana, *Don.? B. I.* x. 85, t. 357, f. 2, 1801.

Var. *h.* Tortrix dilutana, *Hüb. To.* t. 2, f. 6, 1801.
Sarrothripus dilutanus, *Step. H.* iv. 146, 1834.
Var. *i.* Sarrothripus dilutanus, *Wood, I. E.* 153, t. 34, f. 1043.
Sarrothripus Ilicanus, *Wood, I. E.* 153, t. 34, f. 1044.
Var. *j.* Tortrix undulana, *Hüb. To.* t. 2, f 7, 1801.
Sarrothripus undulanus, *Step. H.* iv. 146, 1834. *Wood, I. E.* 153, t. 34, f. 1041.
Var. *k.* Tortrix degenerana, *Hüb. To.* t. 2, f. 8, 1801.
Sarrothripus degeneranus, *Step. H.* iv. 146, 1834. *Wood, I. E.* 153, t. 34, f. 1040.
Var.? *l.?* Phalæna bifasciana, *Don. B. I.* x. 86, t. 357, f. 3, 1801.

9, (365). OXIGRAPHA.

Oxigrapha, *Hüb. V.* 386, 1816.
Leptogramma, *Cur.* (*G.* 173, 1831). *Id. B. E.* x. fo. 440, 1833.

a. OXIGRAPHA.

Oxigrapha, *Hüb. V. ut supra.*
Glyphiptera, A., *Dup. L. F.* xi. 123, 1834.
Phloiophila (*Gen. Coleop.* 1830), *Dup. L. F.* xi. 19, 1834.

1. OXIGRAPHIA LITERANA. The Sprigged Green T. B. M.

Phalæna-To. literana, *Lin. S. Nat.* i. 530, 1758.
Tortrix literana, *Hüb. To.* t. 15, f. 89, 90, 1801.
Leptogramma literana, *Wood. I. E.* 161, t. 36, f. 1098.
Var. *a.* Pyralis Romanana, *Fab. M.* ii. 234, 1787.
Tortrix literana, *Hüb. To.* t. 15, f. 88, 1801.
Oxigrapha notulana, *Hüb.* (*V.* 386, 1816).
Leptogramma literana, var., *Step. H.* iv. 164, 1834.
Var. *b.* Tortrix asperana, *Schiff.* (*W. V.* 130, 1776).
Pyralis squamana, *Fab. S. E.* 651, 1775.
Phalæna squamana, *Don. B. I.* v. 51, t. 157, f. 7, 1796.
Leptogramma squamana, *Step. H.* iv. 164, 1834.
Tortrix squamulana, *Hüb. To.* t. 15, f. 93, 94, 1801.
Var. *c.* Tortrix squamulana, *Hüb. To.* t. 15, f. 95, 1801.
Var. *d.* Tortrix irrorana, *Hüb. To.* t. 15, f. 96, 1801.
Leptogramma irrorana, *Step. H.* iv. 165, 1834. *Wood, I. E.* 161, t. 36, f. 1100.

Var. *e.* Tortrix tricolorana, *Haw. L. B.* 188, 1812.
Leptogramma tricolorana, *Step. H.* iv. 165, 1834. *Wood, I. E.* 161, t. 36, f. 1101.
Var. *f.* Oxigrapha ærugana, *Hüb.* (*V.* 386, 1816).
Leptogramma fulvomixtana, *Step.* (*C.* ii. 188, 1829). *Id. H.* iv. 166, 1834. *Wood, I. E.* 161, t. 36, f. 1102.
Var. *g.* Tortrix suavana, *H.-Schæff.*? *S. To.* t. 1, f. 1.

2. Oxigrapha Scotana. The Scotch T.

Leptogramma Scotana, *Guén. MSS. teste Doub.* (*L.* '21, 1850).

3. Oxigrapha scabrana. The Gray Rough-wing. B. M.

Pyralis scabrana, *Fab. Sp. I.* ii. 284, 1781.
Acleris scabrana, *Step. H.* iv. 163, 1834.
Leptogramma scabrana, *Wood, I. E.* 160, t. 36, f. 1097, 1833.
Glyphiptera Ulmana, *Dup.*? *L. Fr.* xi. 138, t. 242, f. 7, 1834.
Leptogramma Parisiana, *Guén.*? *Ann. E. S. Fr.* 2 *Ser.* iii. 142, 1845.

b. Aphania.

Aphania, *Hüb. V.* 386, 1816.

4. Oxigrapha Boscana. The Boscan T. B. M.

Pyralis Boscana, *Fab. E. S.* iii. *b*, 269, 1794.
Acleris Cerusana, *Step. H.* iv. 162, 1834.
Paramesia Cerusana, *Wood, I. E.* 160, t. 36, f. 1096, 1813.
Var. *a.* Tortrix Cerusana, *Hüb. To.* t. 11, f. 63, 1801.

10, (366). PERONEA.

Peronea, *Curt. B. E.* i. fo. 16, 1825.
Teras †††, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 145, 1845). *Id.* (*Mi.* 11).

a. Eclectis.

Eclectis, *Hüb. V.* 385, 1816.

1. Peronea cristana. The Button T. B. M.

Tortrix cristana, *Schiff.* (*W. V.*) 129, 1776.
Var. *a.* Pyralis cristana, *Fab. M.* ii. 233, 1787.
Peronea cristana, *Step. H.* iv. 152, 1834. *Wood, I. E.* 156, t. 35, f. 1060.
Pyralis Ephippana, *Fab. E. S. Sup.* 479, 1798.
Peronea Lefeburiana, *Dup. L. F.* xi. 163, t. 244, f. 6, 1834.
Var. *b.* Peronea alboflammana, *Cur. l. c. infra. West. & H. M.* ii. 158, t. 94, f. 3, 1844.
Var. *c.* Tortrix albipunctana, *Haw. MSS. Step.* (*C.* ii. 185, 1829).
Var. *d.* Peronea albipuncta, *Cur. l. c. infra.*
Peronea albipunctana, *Step. H.* iv. 152, 1834. *Wood, I. E.* 156, t. 35, f. 1061.
Var. *e.* Peronea ruficostana, *Cur. B. E.* i. t. 16, 1824. *Step. H.* iv. 153, 1834.
Var. *f.* Peronea subvittana, *Step.* (*C.* ii. 185, 1829). *Id. H.* iv. 152, 1834. *Wood, I. E.* 156, t. 35, f. 1059.
Var. *g.* Peronea Capuzina,* *Johns. Ann. N. H.* 1842. *Desv. Zool.* iii. 841, 1845.
Peronea Capucina, *West. & H. M.* ii. 162, t. 95, f. 16, 1844.
Var. *h.* Peronea subcapuzina, *Desv. Zool.* 842, 1845.
Var. *i.* Peronea Curtisana, *Desv. Zool.* 842, 1845.
Var. *j.* Peronea insulana, *Cur. l. c. supra. Desv. Zool.* 843, 1845. *West. & H. M.* ii. 156, t. 93, f. 6, 1844.
Var. *k.* Peronea combustana, *Dup. L. F.* xi. 157, t. 244, f. 2, 1834.
Var. *l.* Peronea xanthovittana, *Desv. Zool.* 841, 1845.
Var. *m.* Pyralis Rossiana, *Fab. E. S.* iii. *b*, 259, 1798.
Var. *n.* Pyralis profanana, *Fab. E. S.* iii. *b*, 268, 1798.
Peronea profanana, *Step. H.* iv. 149, 1834. *Wood. I. E.* 154, t. 35, f. 1047.
Peronea unicolorana, *Desv. Zool.* 841, 1845.
Var. *o.* Pyralis Desfontianana, *Fab. E. S.* iii. *b*, 268, 1798.
Peronea Desfontianana, *Step. H.* iv 150, 1834. *Wood, I. E.* 155, t. 35, f. 1054.
Var. *p.* Tortrix sericana, *Hüb. To.* t. 14, f. 83, 1801.

Var. *q*. Peronea consimilana, *Step.* (*C.* ii. 185, 1829). *Id. H.* iv. 150, 1834. *Wood, I. E.* 155, t. 35. f. 1053.
Var. *r*. Peronea Lichenana, *Cur. B. E. l. c. supra.*
Var. *s*. Peronea albovittana, *Step.* (*C.* ii. 185, 1829). *Id. H.* iv. 151, t. 36, f. 2. 1834). *Wood, I. E.* 155, t. 35, f. 1056.
Var. *t*. Peronea fulvocristana, *Step.* (*C.* ii. 185, 1829). *Id. H.* iv. 151, 1834. *Wood, I. E.* 155, t. 35, f. 1055.
Var. *u*. Peronea Tolana, *Desv.* (*Zool.* 842, 1845).
Var. *v*. Tortrix spadiceana, *Haw. L. B.* 412, 1812.
Peronea spadiceana, *Step. H.* iv. 150, 1834. *Wood, I. E.* 155, t. 35, f. 1052.
Var. *w*. Peronea substriana, *Step.* (*C.* ii. 185, 1829). *Id. H.* iv. 149, 1834. *Wood, I. E.* 154, t. 35, f. 1049.
Var. *x*. Peronea brunneana, *Step.* (*C.* 185, 1829). *Id. H.* iv. 149, 1834. *Wood, I. E.* 154, t. 35, f. 1050.
Peronea brunnea, *Cur.* (*G.* ii. *Col.* 203, 1837).
Var. *y*. Peronea vittana, *Step.* (*C.* ii. 185, 1829). *Id. H.* iv. 150, 1834. *Wood, I. E.* 154, t. 35, f. 1051.
Var. *z*. Peronea Chantana, *Cur. B. E. l. c. supra. West. & H. M.* ii. 156, t. 93, f. 4, 1844.
Var. *aa*. Phalæna cristalana, *Don. B. I.* iii. t. 77, f. 1, 2, 1794.
Peronea cristalana, *Step. H.* iv. 152, 1834.
Var. *bb*. Peronea fulvovittana, *Step.* (*C.* ii. 185, 1829). *Id. H.* iv. 151, 1834. *Wood, I. E.* 155, t. 35, f. 1055.
Var. *cc*. Peronea subcristalana, *Cur. B. E. l. c. supra. West. & H. M.* ii. 155, t. 93, f. 1, 1844.
Var. *dd*. Peronea sequana, *Cur. B. E. l. c. supra.*
Var. *ee*. Tortrix striana, *Haw. L. B.* 413, 1812.
Peronea striana, *Step. H.* iv. 149, 1834. *Wood, I. E.* 154, t. 35, f. 1048.
Var. *ff*. Peronea fulvostriana, *Desv. Zool.* 843, 1845.
Var. *gg*. Peronea assimilana, *Step. MSS.*
Var. *hh*. Peronea semiustana, *Cur. B. E. l. c. supra.*
Var. *ii*. Peronea Bentleyana, *Cur. B. E. l.* c. *supra. West. & H. M.* ii. 14, t. 92, f. 5, 1844.

2. Peronea Hastiana. The Sham Button T. B. M.

Phalæna-To. Hastiana, *Lin. Clerck, Ic.* t. 2, f. 7, 1759.
Var. *a*. Tortrix scabrana, *Schiff.* (*W. V.* 130, 1776).
Pyralis elevana, *Fab. M.* ii. 234. 1787.
Var. *b*. Peronea obsoletana, *Step. H.* iv. 156, 1834. *Wood, I. E.* 157, t. 35, f. 1074.

Var. *c.* Tortrix scabrana, *Hüb. To.* t. 10, f. 58, 1801.
Tortrix sparsana, *Fröl.? T. W.* 20, 1828.
Var. *d.* Tortrix sponsana, *Schiff.* (*W. V.* 129, 1776).
Pyralis sponsana, *Fab.? M.* ii. 225, 1787.
Var. *e.* Tortrix aquilana, *Hüb. To.* t. 37, f. 235, 1813.
Var. *f.* Tortrix radiana, *Hüb. To.* 28, f. 177, 1801.
Peronea radiana, *Step. H.* iv. 154, 1834. *Wood, I. E.* 156, t. 35, f. 1065.
Var. *g.* Peronea strigana, *Step.* (*C.* ii. 185, 1829).
Var. *h.* Peronea divisana, *Step. H.* iv. 153, t. 34, f. 1, 1834.
Var. *i.* Peronea ramostriana, *Step.* (*C.* ii. 186, 1829). *Id. H.* iv. 154, 1834. *Wood, I. E.* 156, t. 35, f. 1066.
Var. *j.* Tortrix centrovittana, *Haw. MSS.*
Peronea centrovittana, *Step. H.* iv. 154, 1834. *Wood, I. E.* 156, t. 35, f. 1067.
Var. *k.* Tortrix Mayrana, *Hüb. To.* t. 53, f. 335, 1836.
Var. *l.* Tortrix albistriana, *Haw. L. B.* 412, 1812.
Peronea albistriana, *Step. H.* iv. 155, 1834. *Wood, I. E.* 157, t. 35, f. 1069.
Var. *m.* Tortrix combustana, *Hüb. To.* t. 37, f. 234, 1813.
Peronea combustana, *Step. H.* iv. 154, 1834. *Wood, I. E.* 157, t. 35, f. 1068.
Var. *n.* Peronea subcristana, *Step.* (*C.* ii. 186, 1829). *Id. H.* iv. 155, 1834. *Wood, I. E.* 157, t. 35, f. 1071.
Var. *o.* Tortrix autumnana, *Hüb.? To.* t. 39, f. 247, 1814.
Peronea autumnana, *Step. H.* iv. 155, 1834. *Wood, I. E.* 157, t. 35, f. 1070.
Var. *p.* Peronea leucopheana, *Bentley. West & H. M.* ii. 158, t. 94, f. 7, 1844.
Var. *q.* Teras sparsana, *Treit. S.* viii. 257, 1830.
Tortrix Hastiana, *Fröl. T. W.* 23, 1828.
Var. *r.* Tortrix coronana, *Thunb. I. S.* 18, t. 2, fig. 1791.
Peronea coronana, *Step. H.* iv. 156, 1834. *Wood, I. E.* 157, t. 35, f. 1072.
Tortrix eximiana, *Haw. L. B.* 413, 1812.
Var. *s.* Tortrix Byringerana, *Hüb. To.* t. 10, f. 61, 1801.
Eclectis Bollingerana, *Hüb.* (*V.* 385, 1816).
Var. *t.* Tortrix Buringerana, *Hüb. To.* t. 34, f. 216, 1812.
Var. *u.* Peronea Byringerana, *Step. H.* iv. 156, 1834. *Wood, I. E.* t. 35, f. 1073.

b. Lopas.

Lopas, *Hüb. V.* 384, 1816.

3. Peronea umbrana. The Dark-streaked Button T. B. M.

Tortrix umbrana, *Hüb. To.* t. 10, f. 69, 1801.
Peronea umbrana, *Step. H.* iv. 353, 1834. *Wood, I. E.* 156, t. 35, f. 1063.
Glyphiptera radiana, *Dup. L. F.* xi. 246, t. 243, f. 6, 1834.

4. Peronea maccana. The Marbled Button T.

Tortrix maccana, *Treit.? E. S.* x. iii. 133, 1835.
Peronea marmorana, *Bentley, MSS. West. & H. M.* ii. 159, t. 94, f. 9, 1844.

5. Peronea rufana. The Bay-streak T. B. M.

Tortrix rufana, *Schiff.* (*W. V.* 129, 1776).
Teras lucidana, *Treit. E. S.* viii. 260, 1830.
Tortrix lucidana, *H.-Schæff. S. To.* t. 3, f. 20.
Tortrix densana, *Frey. N. B.* i. 175, t. 18, f. 4, 1833.
Peronea crassana, *Dup. L. F. Supp.* iv. 138, t. 61, f. 9, 10, 1842.
Var. *a.* Peronea albicostana, *Step.* (*C.* ii. 186, 1829). *Id. H.* iv. 158, 1834. *Wood, I. E.* 158, t. 35, f. 1079.
Var. *b.* Tortrix bistriana, *Haw. L. B.* 399, 1812.
Peronea bistriana, *Step. H.* iv. 157, 1834. *Wood, I. E.* 158, t. 35, f. 1078.
Peronea crassana, *Dup. L. F. l. c.*, t. 61, f. 10.
Var. *c.* Peronea similana, *Step.* (*C.* ii. 186, 1829). *Id. H.* 158, 1834. *Wood, I. E.* 158, t. 35, f. 1080.
Var. *d.* Peronea Lorquiniana, *Dup.? L. F.* xi. 165, t. 244, f. 7, 1834.
Depressaria atomella, *Wood, I. E.* t. 38, f. 1181, 1836.

c. Acalla.

Acalla, p., *Hüb. V.* 383, 1816.

6. Peronea Lipsiana. The Kindred T.

Tortrix Lipsiana, *Schiff.* (*W. V.* 129, 1776). *Hüb.? To.* t. 28, f. 180, 1801.
Tortrix Lipsiana, *H.-Schæff. S. To.* t. 3, f. 18.
Teras Hæmyliana, *Guén. teste Doub.* (*L.* 21, 1850). (Prec. var.?)

d. Acleris.

Acleris, p., *Hüb. V.* 384, 1816.

7. Peronea? favillaceana. The Ash-coloured T. B. M.

Tortrix favillaceana, *Hüb. To.* t. 11, f. 62, 1801.
Peronea favillaceana. *Step. H.* iv. 156, 1834. *Wood, I. E.* 157, t. 35, f. 1075.
Var. *a.* Tortrix reticulana, *Haw. L. B.* 409, 1812.
Peronea reticulana, *Step. H.* iv. 157, 1834. *Wood, I. E.* 158, t. 35, f. 1077.
Var. *b.* Tortrix tristana, *Haw. L. B.* 410, 1812.
Peronea tristana, *Step. H.* iv. 157, 1834. *Wood, I. E.* 158, t. 35, f. 1076.
Var. *c.* Teras lividana, *Treit.* (*E. S.* x. 3, 136, 1835).

8. Peronea? Schalleriana. The Schallerian T. B. M.

Phalæna-To. Schalleriana, *Lin. F.* ii. No. 1339, 1761.
Peronea Schalleriana, *Step. H.* iv. 159, 1834.
Peronea rufana, *Wood, I. E.* 159, t. 36, f. 1086.
Var. *a.* Tortrix Schalleriana, *Hüb. To.* t. 46, f. 288, 1822.
Tortrix latifasciana, *Haw. L. B.* 414, 1812. *West. & H. M.* ii. 159, t. 94, f. 10, 1844.

9. PERONEA? COMPARANA. The Red Triangle T. B. M.

Tortrix comparana, *Hüb. To.* t. 46, f. 284, 1822.
Tortrix rufana, *Haw. L. B.* 417, 1812.
Peronea rufana, *Step. H.* iv. 160, 1834.
Var. *a.* Peronea costimaculana, *Step.* (*C.* ii. 187, 1829). *Id. H.* iv. 160, 1834. *Wood, I. E.* 159, t. 36, f. 1087.
Var. *b.* Acleris costimaculana, *West. & H. M.* ii. 163, t. 96, f. 1, 1844.
Var.? *c.* Pyralis laterana, *Fab. E. S.* iii. *b*, 264, 1794.

10. PERONEA? CALEDONIANA. The Caledonian T.

Peronea Caledoniana, *Bentley, MSS.* (*teste Doub. L.* 22, 1850).
Peronea boreana, ——? *MSS.*

11. PERONEA? PERMUTANA. The Buff Rough Wing. B. M.

Glyphiptera permutana, *Dup. L. F.* xi. 499, t. 262, f. 4, 1835.

12. PERONEA? VARIEGANA. The Rough Wing. B. M.

Tortrix variegana, *Schiff.* (*W. V.* 130, 1776). *Haw. L. B.* 414, 1812.
Peronea variegana, *Step. H.* iv. 160, 1834. *Wood, I. E.* 159, t. 36, f. 1089.
Var. *a.* Tortrix variegana, *Schiff. l. c. supra.*
Tortrix cristana, *Hüb. To.* t. 10, f. 55. 1801.
Var. *b.* Tortrix Osbeckiana, *Thunb. I. S.* 19, fig. adj. 1784.
Pyralis Abildgaardana, *Fab. E. S.* iii. *b*, 274, 1798.
Var. *c.* Pyralis asperana, *Fab. G. M.* 292, 1777.
Peronea asperana, *Step. H.* iv. 160, 1834. *Wood, I. E.* 159, t. 36, f. 1088.
Tortrix nyctemerana, *Hüb. To.* t. 38, f. 240, 1813.
Tortrix variegana, *Frön. T. W.* 20, 1828.
Var. *d.* Tortrix Borana. *Haw. L. B.* 415, 1812.
Peronea Borana, *Step. H.* iv. 161, 1834. *Wood, I. E.* 159, t. 36, f. 1090.
Var. *e.* Peronea cirrana, *Cur.* (*G.* ii. 202, 1837).
Peronea variegana, *West. & H. M.* ii. t. 95, f. 12, 1844.
Var.? *f.* Peronea albana,* *West. & H. M.* ii. 162, t. 95, f. 17, 1844.

13. PERONEA? TRISTANA. The Protean T. B. M.

Tortrix tristana, *Hüb. To.* t. 9, f. 50, 1801.
Acleris Logiana, *Hüb.* (*V.* 384, 1816).
Teras Proteana, var., *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 146, 1845.
Var. *a.* Tortrix Logiana, *Hüb. To.* t. 34, f. 217, 1812.
Lopas falsana, *Hüb.* (*V.* 384, 1816).
Tortrix Germarana, *Fröl.? T. W.* 24, 1828.
Var. *b.* Peronea trigonana, *Step.* (*C.* ii. 127, 1829). *Id. H.* iv. 159, 1834. *Wood, I. E.* 159, t. 36, f. 1084.
Var. *c.* Tortrix Logiana, *Schiff.* (*W. V.* 1776). *Hüb. To.* t. 11, f. 64, 1801.
Peronea Logiana, *Step. H.* iv. 161, 1834. *Wood, I. E.* 160, t. 36, f. 1091.
Var. *d.* Tortrix Boscana, *Haw. L. B.* 415, 1812.
Peronea Boscana, *Step. H.* iv. 159, 1834. *Wood, I. E.* 158, t. 36, f. 1083.
Var. *e.* Tortrix plumbosana, *Haw. L. B.* 415, 1812.
Peronea plumbosana, *Step. H.* iv. 158, 1834. *Wood, I. E.* 158, t. 36, f. 1082.
Pyralis plumbeana, *Fab.? M.* ii. 225, 1787.
Var.? *f.* Peronea semirhombana, *Cur.?* (*G.* ii. 202, 1837).
Var. *g.* Peronea Fagana, *Cur.?* (*G.* ii. 202, 1837).

11, (367). PARAMESIA.

Paramesia, *Step.* (*C.* ii. 187, 1829).
Acleris, p., *Hüb.* (*V.* 384, 1816).
Acleris, *Step. H.* iv. 161, 1834.
Glyphiptera, D. p., *Dup. L. F.* xi. 135, 1834.
Teras ††††, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 146, 1845). *Id.* (*Mi.* 12).

1. PARAMESIA SHEPHERDANA. The Shepherdian T. B. M.

Paramesia Shepherdana, *Step. MSS.*
Phalæna rufana, *Scop.? E. C.* 235, No. 591, 1763.

2. PARAMESIA FERRUGANA. The Rusty Rough Wing T. B. M.

Tortrix ferrugana, *Schiff.* (*W. V.* 128, 1776).
Tortrix tripunctana, *Hüb. To.* t. 20, f. 129, 1801.
Acleris triana, *Hüb.* (*V.* 384, 1816).
Tortrix gnomana, *Haw. L. B.* 417, 1812.
Acleris gnomana, *Step. H.* iv. 162, 1834.
Paramesia gnomana, *Step.* (*C.* ii. 187, 1829). *Wood, I. E.* 160, t. 36, f. 1093.
Tortrix ochreana, *Fröl.? T. W.* 25, 1828.
Teras Proteana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 145, 1845.
Var. *a.* Tortrix rufana, *Hüb. To.* t. 20, f. 127, 1801.
Tortrix tripunctulana, *Haw. L. B.* 417, 1812.
Acleris tripunctulana, *Step. H.* iv. 163, 1834.
Paramesia tripunctulana, *Step.* (*C.* ii. 187, 1829). *Wood, I. E.* 160, t. 36, f. 1094.
Var. *b.* Tortrix bifidana, *Haw. L. B.* 417, 1812.
Acleris bifidana, *Step. H.* iv. 163, 1834.
Paramesia bifidana, *Step.* (*C.* iv. 187, 1829). *Wood, I. E.* 160, t. 36, f. 1095.
Var. *c.* Tortrix brachiana, *Frey. N. B.* i. 175, t. 18, f. 2, 1833.
Pyralis approximana, *Fab.? E. S. Sup.* 478, 1798.
Teras æstivana, *Guén. olim, vide Mi.* 13, 1845.
Var. *d.* Phalæna notana, *Don. B. I.* xi. 27, t. 369, f. 3, 1806.

3. PARAMESIA ASPERSANA. The Red Rough Wing T.

Tortrix adspersana, *Hüb.? To.* t. 41, f. 259, 1814.
Acleris aspersana, *West. & H. M.* ii. 163, t. 96, f. 2, 3, 1844.
Tortrix ferrugana, var., *Treit. E. S.* x. 3, 262, 1835.
Acleris subtripunctulana, *Step. H.* iv. 162, 1834.
Parasemia subtripunctulana, *Step.* (*C.* ii. 187, 1829). *Wood, I. E.* 160, t. 36, f. 1092.

12, (368). CHEIMATOPHILA.

Cheimatophila, *Step.* (*C.* ii. 189, 1822). *Id. H.* iv. 172, 1834.
Sparganothris, p., *Hüb.* (*V.* 386, 1816).
Teras†, p., *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 143, 1845). *Id.* (*Mi.* 9).

1. CHEIMATOPHILA MIXTANA. The Winter T. B. M.

Tortrix mixtana, *Hüb. To.* t. 34, f. 215, 1810.
Tortrix castaneana, *Haw.? L. B.* 410, 1812.
Cheimatophila castaneana, *Step. H.* iv. 172, t. 36, f. 3, 1834. *Wood, I. E.* 163, t. 36, f. 1114, 1835.
Var. *a.* Tortrix hyemana, *Haw. L. B.* 412, 1812.
Var. *b.* Tortrix nigripunctana, *Step. MSS. olim.*

13, (369). TERAS.

Teras, *Treit.* (*E. S.* vii. 233, 1829).
Teras, A., *Treit. E. S.* viii. 247, 1830.
Glyphisia, *Step.* (*C.* ii. 188, 1829).
Phacodia, t., *Hüb. V.* 384, 1816.
Peronea††, *Guén.* (*Ann. S. E. Fr.* 2 *Ser.* iii. 140, 1845). *Id.* (*Mi.* 14).

1. TERAS CAUDANA. The Notch Wing T. B. M.

Pyralis caudana, *Fab. S. E.* 651, 1775.
Tortrix effractana, *Hüb. To.* t. 28, f. 175, 1801.
Var. *a.* Teras caudana, *Step. H.* iv. 168, 1834.
Glyphisia caudana, *Wood, I. E.* 162, t. 36, f. 1106, 1836.
Var. *b.* Teras effractana, *Step. H.* iv. 168, 1834.
Glyphisia effractana, *Wood, I. E.* 162, t. 36, f. 1105.
Var. *c.* Pyralis effractana, *Fröl. T. W.* 27, 1828.
Phalæna emargana, *Don. B. I.* iii. 91, t. 106, f. 1, 1795.
Var. *d.* Pyralis emargana, *Fab. S. E.* 651, 1775.
Glyphisia emargana, *Step.* (*C.* ii. 188, 1829). *Wood, I. E.* 161, t. 36, f. 1103.
Teras emargana, *Step. H.* iv. 167, t. 38, f. 1, 1834.
Var. *e.* Glyphisia ochracea, *Step.* (*C.* ii. 188, 1829).
Teras ochracea, *West. & H. M.* ii. 166, t. 97, f. 6, 1844.
Var. *f.* Tortrix excavana, *Haw. L. B.* 408, 1812.
Glyphisia excavana, *Step.* (*C.* ii. 188, 1829). *Wood, I. E.* 161, t. 36, f. 1104.
Teras excavana, *Step. H.* iv. 167, 1834.

14, (370). DICTYOPTERYX.

Dictyopteryx, *Step.* (*C.* ii. 189, 1829). *Id. H.* iv. 168, 1834.
Aleimma, *Hüb. To.* 391, 1816.

a. PERONEA.

Peronea†, *Guén.* (*Ann. S. E. Fr.* 2 *Ser.* iii. 198, 1845). *Id.* (*Mi.* 14).

1. DICTYOPTERYX CONTAMINANA. The Chequered Pebble T. B.M.

Tortrix contaminana, *Hüb. To.* t. 22, f. 142, 1801.
Dictyopteryx contaminana, *Step. H.* iv. 169, 1834. *Wood, I. E.* 162, t. 36, f. 1107.
Phalæna-Py. Xylosteana, *Haw.* (*Pr.* 32, 1802).
Var. *a.* Tortrix ciliana, *Hüb. To.* t. 27, f. 171, 1801.
Dictyopteryx ciliana, *Step. H.* iv. 169, 1834.
Phalæna obscurana, *Don. B. I.* xii. 40, t. 374, f. 2, 1807.
Var. *b.* Tortrix rhombana, *Haw. L. B.* 418, 1812.
Dictyopteryx rhombana, *Step. H.* iv, 170, 1834. *Wood, I. E.* 162, t. 36, f. 1109.
Var. ? *c.* Tortrix dimidiana, *Hüb. To.* t. 48, f. 299, 1828.

2. DICTYOPTERYX? ULIGINOSANA.* The Bog T.

Dictyopteryx uliginosana, *Doub.* (*L.* 22, 1850).
Bactra uliginosana, *Bentley, MSS. West. & H. M.* ii. 139, t. 87, f. 12, 1844.
Tortrix atrosignana, *H.-Schæff. S. To.* t. 51, f. 350.

b. DICTYOPTERYX.

Dictyopteryx, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 149, 1845). *Id.* (*Mi.* 15).

3. DICTYOPTERYX LŒFLINGIANA. The Lœflingian T. B. M.

Phalæna-To. Lœflingiana, *Lin. S. Nat.* i. 531, 1758.
Dictyopteryx Lœflingiana, *Step. H.* iv. 170, 1834. *Wood, I. E.* 162, t. 36, f. 1111.
Var. *a.* Tortrix plumbana, *Hüb. To.* t. 9, f. 54, 1801.
Dictyopteryx plumbana, *Step. H.* iv. 170, 1834. *Wood, I. E.* 162, t. 36, f. 1110.
Aleimma Ameriana, *Hüb.* (*V.* 391, 1816).
Var. *b.* Tortrix ectypana, *Hüb. To.* t. 30, f. 190, 1801.

4. DICTYOPTERYX FORSKALEANA. The Forskalian T. B. M.

Phalæna-To. Forskaleana, *Lin. S. Nat.* i. 531, 1758.
Dictyopteryx Forskaleana, *Step. H.* iv. 171, 1834.
Dictyopteryx Forskaliana, *Wood, I. E.* 163, t. 36, f. 1112, 1836.

15, (371). CROESIA.

Croesia, *Hüb. V.* 392, 1816.
Dictyopteryx††, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 149, 1845). *Id.* (*Mi.* 15).

a. LOZOTÆNIA.

Lozotænia, p., *Step.* (*C.* ii. 171, 1829).

1. CROESIA HOLMIANA. The Holmian T. B. M.

Phalæna-To. Holmiana, *Lin. S. Nat.* i. 532, 1758.
Lozotænia Holmiana, *Step. H.* iv. 81, 1834. *Wood, I. E.* 133, t. 30, f. 874.

b. ARGYROTOZA.

Argyrotoza, p., *Step.* (*C.* ii. 189, 1829).

2. CROESIA BERGMANNIANA. The Bergmannian T. B. M.
Phalæna-To. Bergmanniana, *Lin. S. Nat.* i. 532, 1758.
Argyrotoza Bergmanniana, *Step. H.* iv. 173, 1834. *Wood, I. E.* 163, t. 36, f. 1115.
Tortrix Boscana, *Hüb. To.* t. 22, f. 137, 1801.

16, (372). ARGYROTOZA.

Argyrotoza, *Step.* (*C.* ii. 189, 1829). *Id. H.* iv. 173, 1834.
Croesia, p., *Hüb. V.* 392, 1816.

1. ARGYROTOZA CONWAYANA. The Conwayian T. B. M.
Pyralis Conwayana (Conwagana), *Fab. S. E.* 653, 1775.
Argyrotoza Conwayana, *Step. H.* iv. 174, 1834. *Wood, I. E.* 163, t. 37, f. 1117.
Tortrix Hofmanseggana, *Hüb. To.* t. 24, f. 150, 1801.
Tortrix Spixiana, *Frol. T. W.* 76, 1828.
Var. *a.* Tortrix Hofmanseggiana, *Haw. L. B.* 406, 1812.
Argyrotoza Hoffmanseggiana, *Step. H.* iv. 174, 1834. *Wood, I. E.* 163, t. 36, f. 1116.
Var. *b.* Argyrotoza subaurantiana, *Step.* (*C.* ii. 190, 1829). *Id. H.* iv. 175, 1834. *Wood, I. E.* 163, t. 37, f. 1118.

17, (373). PTYCHOLOMA.

Ptycholoma, *Step.* (*C.* ii. 183, 1829). *Id. H.* iv. 141, 1834.
Panoplia, p., *Hüb. V.* 393, 1816.

1. PTYCHOLOMA LECHEANA. The Lechean T. B. M.
Phalæna-To. Lecheana, *Lin. S. Nat.* i. 531, 1758.
Ptycholoma Lecheana, *Step. H.* iv. 142, 1834. *Wood, I. E.* 152, t. 34, f. 1034.
Var. *a.* Ptycholoma obsoletana, *Step. H.* iv. 142, 1834. *Wood, I. E.* 153, t. 34, f. 1035.

18, (374). EULIA.

Eulia, *Hüb. V.* 392, 1816.
Lophoderus, *Step.* (*C.* ii. 184, 1829). *Id. H.* iv. 143, 1834.
Rhyacionia, p., *Hüb. V.* 379, 1816.
Lozotænia, p., *Guén.* (*Mi.* 6, 1845).

1. EULIA MINISTRANA. The Yellow-barred Iron T. B. M.

Phalæna-To. ministrana, *Lin. S. Nat.* i. 531, 1758.
Lophoderus ministranus, *Step. H.* iv. 144, 1834. *Wood, I. E.* 153, t. 34, f. 1038.
Tortrix ferrugana, *Hüb. To.* t. 10, f. 56, 1801.
Var. *a.* Lophoderus subfascianus, *Step.* (*C.* ii. 184, 1829). *Id. H.* iv. 144, 1834. *Wood, I. E.* 153, t. 34, f. 1039.
Var. *b.* Tortrix ferrugana, *Dup. L. F.* xi. 478, t. 261, f. 2, 1835.

Sub.-Fam. III. PENTHINIDI.

Penthinidi, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 151, 1845). *Id.* (*Mi.* 17).

19, (375). BRACHYTÆNIA.

Brachytænia, *Step. MSS.*
Ditula, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 151, 1845). *Id.* (*Mi.* 17).
Pædisca, p., *Cur. B. E.* xii. fo. 571, 1835.

a. BRACHYTÆNIA.

Brachytænia, *Step. ut supra.*

1 BRACHYTÆNIA SEMIFASCIANA. The Short-barred Gray T. B.M.

Tortrix semifasciana, *Haw. L. B.* 431, 1812.
Ditula semifasciana, *Step. H.* iv. 86, 1834. *Wood, I. E.* 134, t. 30, f. 885.
Tortrix acutana, *Treit. E. S. Sup.* x. 3, 68, 1835.
Sericoris elutana, *Dup. L. F.* xi. 530, t. 264, f. 1, 1836.

b. APHANIA.

Aphania, p., *Hüb. V.* 386, 1816.

[B. M.

2. BRACHYTÆNIA HARTMANNIANA. The Short-barred White T.

Phalæna-To. Hartmanniana, *Lin.? F.* ii. 345, No. 1322, 1761.
Tortrix lineana, *Schiff.* (*W. V.* 131, 1776).
Tortrix scriptana, *Hüb. To.* t. 17, f. 110, 1801.
Ditula scriptana, *Step. H.* iv. 86, 1834. *Wood, I. E.* 134, t. 30, f. 884.

20, (376). ANTITHESIA.

Antithesia, *Step.* (*C.* ii. 172, 1829). *Id. H.* iv. 86, 1834.
Penthina B., *Treit. E. S.* viii. 24, 1834.
Penthina, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 151, 1845). *Id.* (*Mi.* 17).

a. APOTOMIS.

Apotomis, *Hüb. V.* 380, 1816.

1. ANTITHESIA CORTICANA. The Marbled Long-cloak T. B. M.

Tortrix corticana, *Hüb. To.* t. 3, f. 13, 1801.
Antithesia corticana, *Step. H.* iv. 87, 1834. *Wood, I. E.* 135, t. 30, f. 886.
Apotomis turbidana, *Hüb.* (*V.* 380, 1816).
Tortrix picana, *Fröl. T. W.* 49, 1828.
Penthina Capræana, *Dup. L. F.* xi. t. 245, f. 4, *b*, 1834.
Penthina Hartmanniana, var., *Treit. E. S. Sup.* x. 3, 46, 1835.
Penthina picana, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 151, 1845).

2. ANTITHESIA BETULÆTANA. The Birch Long-cloak T. B. M.

Tortrix Betulætana, *Haw. L. B.* 432, 1812.
Antithesia Betulætana, *Step. H.* iv. 87, 1834. *Wood, I. E.* 134, t. 30, f. 887.
Penthina Capræana, *Dup. L. F.* xi. t. 245, f. 4, *a*, 1834.
Penthina leucomelana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 152, 1845. *Id. Mi.* 18.

3. ANTITHESIA CAPRÆANA. The Sallow Long-cloak T. B. M.

Tortrix Capræana, *Hüb. To.* t. 40, f. 250, 1814.

[B. M.

4. ANTITHESIA OCHROLEUCANA. The Ochreous Long-cloak T.

Tortrix ochroleucana, *Hüb. To.* t. 48, f. 304, 1828.
Penthina Gentianana, ♂, *Dup. L. F.* xi. t. 245, f. 7, 1834.
Antithesia tripunctata, *Wood, I. E.* 134, t. 30, f. 888.

5. ANTITHESIA PRÆLONGANA. The Narrow-winged Long-cloak T.

Penthina prælongana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 152, 1845. *Id. Mi.* 18.
Tortrix Betulætana, *H.-Schæff. S. To.* t. 35, f. 251.

6. ANTITHESIA SORORCULANA. The Allied Long-cloak T.

Penthina sororculana, *Zett. F. L.* 977, 1840.

7. ANTITHESIA CYNOSBATELLA. The Rose Long-cloak T. B. M.

Phalæna-Ti. Cynosbatella, *Lin. S. Nat.* i. 536, 1758. *Don. B. I.* x. t. 355, f. 3, 1801.
Tortrix tripunctana, *Haw. L. B.* 432, 1812.
Antithesia tripunctana, *Step. H.* iv. 88, 1835.
Tortrix pœcilana, *Fröl. T. W.* 49, 1828.
Tortrix variegana, *Hüb. To.* t. 3, f. 14, 1801.
Penthina variegana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 152, 1845. *Id. Mi.* 18. (*non W. V.*)
Var. *a.* Tortrix nubiferana, *Haw. L. B.* 431, 1812.
Spilonota nubiferana, *Step. H.* iv. 91, 1834. *Wood, I. E.* 135. t. 30, f. 896.

8. ANTITHESIA PRUNIANA. The Lesser Long-cloak T. B. M.

Tortrix Pruniana, *Hüb. To.* t. 3, f. 15, 1801.
Antithesia Pruniana, *Step. H.* iv. 88, 1834. *Wood, I. E.* 135, t. 30, f. 890.
Phalæna-To. fasciana, *Lin.? F.* ii. 342, No. 1304, 1761.
Var. *a.* Antithesia pullana, *Wood, I. E.* 135, t. 30, f. 891, 1835.

9. ANTITHESIA DIMIDIANA. The Dotted Long-cloak T. B. M.

Penthina dimidiana, *Treit. E. S. Sup.* x. 3, 46, 1835.
Penthina ochromelana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 152, 1845. *Id. Mi.* 18.
Var. *a*. Penthina atropunctana, *Zett.? F. L.* 977, 1840.
Penthina? Weaverana, *Dale, MSS.* (*Zool.* iii. 847, 1845).

10. ANTITHESIA SAUCIANA.* The Dark Long-cloak T.
Tortrix sauciana, *Hüb. To.* t. 48, f. 305, 1828.

11. ANTITHESIA GREVILLANA. The Grevillian Long-cloak T.
Penthina Grevillana, *Cur. B. E.* xii. t. 567, 1835.

b. ENDOTHENIA.

Endothenia, *Step. MSS.*

12. ANTITHESIA SELLANANA. The Dingy-marbled T.

Tortrix sellana, *Hüb. To.* t. 52, f. 331, 1835.
Tortrix pullana, *Haw.? L. B.* 434, 1812.
Antithesia pullana, *Step. H.* iv. 88, 1834.

13. ANTITHESIA GENTIANANA. The Gentian T. B. M.

Tortrix Gentianæana, *Hüb.? To.* t. 3, f. 12, 1801.
Tortrix Gentianæana, *Step. H.* iv. 89, 1834. *Wood, I. E.* 135, t. 30, f. 894.
Penthina Gentianana, *Hüb.* (*V.* 380, 1816).

14. ANTITHESIA MARGINANA. The Bordered Long-cloak T. B. M.

Penthina sellana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 153, 1845.
Penthina sauciana, *Dup. L. F.* xi. 501, t. 262, f. 5, 1835.
♂. Tortrix marginana, *Haw. L. B.* 433, 1812.
Antithesia marginana, *Step. H.* iv. 89, 1834. *Wood, I. E.* 135, t. 30, f. 892.
♀. Tortrix oblongana, *Haw. L. B.* 433, 1812.
Antithesia oblongana, *Step. H.* iv. 89, 1834. *Wood, I. E.* 135, t. 40, f. 893.

c. SPILONOTA.

Spilonota, *Step. H.* iv. 96, 1834.

15. ANTITHESIA USTULANA. The Scorched Blunt-wing T.

Tortrix ustulana, *Haw. L. B.* 467, 1812.
Spilonota ustulana, *Step. H.* iv. 96, 1834. *Wood, I. E.* 137, t. 31, f. 912.

21, (377). PENTHINA.

Penthina, *Treit. E. S.* vii. 227, 1829.
Pendina (Penthina) t. *Treit. l. c. supra.*
Hedya, p., *Hüb. V.* 380, 1816.
Antithesia B., *Step. H.* iv. 89, 1834.
Antithesia, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 153, 1845). *Id.* (*Mi.* 19).

1. PENTHINA SALICELLA. The White-back T. B. M.

Phalæna-Ti. Salicella, *Lin. S. Nat.* i. 536, 1758.
Antithesia Salicella, *Step. H.* iv. 89, 1834. *Wood, I. E.* 135, t. 30, f. 895.

Sub-Fam. IV. SPILONOTIDI.

Spilonotidi, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 154, 1845). *Id.* (*Mi.* 20).

22, (378). PARDIA.

Pardia, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 155, 1845). *Id.* (*Mi.* 21).
Epiblema, p., *Hüb. V.* 376, 1816.

1. PARDIA TRIPUNCTANA. The Black-cloaked T. B. M.

Tortrix tripunctana, *Schiff.* (*W. V.* 131, 1776).
Tortrix ocellana, *Hüb. To.* t. 4, f. 18, 1801.
Tortrix Cynosbana, *Haw. L. B.* 430, 1812.
Spilonota Cynosbatella, *Step. H.* iv. 91, 1834. *Wood, I. E.* 136, t. 30, f. 897.

23, (379). SPILONOTA.

Spilonota, *Step.* (*C.* 173, 1829). *Id. H.* iv. 90, 1834.
Penthina B., p., *Treit. S.* viii. 24, 1830.

a. HEDYA.

Hedya, p., *Hüb. V.* 380, 1816.

1. SPILONOTA ROBORANA. The Brown-cloaked T. B. M.

Tortrix Roborana, *Schiff.* (*W. V.* 131, 1776).
Tortrix aquana, *Hüb. To.* t. 4, f. 17, 1801.
Spilonota aquana, *Step. H.* iv. 91, 1834. *Wood, I. E.* 136, t. 30, f. 898.
Spilonota Cynosbana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 155, 1845. *Id. Mi.* 21.

2. SPILONOTA ROSÆCOLANA. The Rose Brown-cloak T.

Spilonota Rosæcolana, *Doub.* (*L.* 23, 1850). *Id. Zool.* viii. *App.* 106, 1850.

3. SPILONOTA TRIMACULANA. The Triple Blotched T. B. M.

Tortrix trimaculana, *Haw. L. B.* 412, 1812.
Spilonota trimaculana, *Step. H.* iv. 91, 1834. *Wood, I. E.* 136, t. 30, f. 899.
Aspidia Cynosbana, *Dup. L. F.* xi. t. 245, f. 1, 1834.
Penthina suffusana, *Köllar, Isis*, 211, 1846.
Tortrix suffusana, *H.-Schæff. S. To.* t. 25, f. 178.

4. SPILONOTA AMŒNANA. The Pretty Short-cloak T.

Penthina amœnana, *Dup. L. F. Sup.* iv. 422, t. 84, f. 3, 1843.
Tortrix amœnana, *Hüb.? To.* t. 39, f. 248, 1814.
Spilonota amœnana, *Doub.* (*L.* 23, 1850).

5. SPILONOTA NEGLECTANA. The Neglected Short-cloak T. B. M.

Penthina neglectana, *Dup.. L. F. Sup.* xi. 509, t. 89, f. 3, 1845.
Tortrix sociana, β., *Haw. L. B.* 434, 1812.
Spilonota dealbana, var., *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 155, 1845). *Id.* (*Mi.* 21).

6. SPILONOTA DEALBANA. The White Short-cloak T. B. M.

Tortrix dealbana, *Fröl. T. W.* 51, 1828.
Penthina minorana, *Treit. E. S.* viii. 43, 1830.
Tortrix incarnana, *Haw. L. B.* 435, 1812.
Anticlea sociana, *Step. H.* iv. 115, 1834. *Wood, I. E.* 144, t. 32, f. 965.
Var. *a.* Anticlea incarnana, *Step. H.* iv. 115, 1834. *Wood, I. E.* 144, t. 32, f. 966.
Var. *b.* Anticlea Paykulliana, *Wood, I. E.* 144, t. 32, f. 967, 1835.

7. SPILONOTA ALNETANA? The Alder Short-cloak T.

Spilonota Alnetana, *Guén.? Ann. E. S. Fr.* 2 *Ser.* iii. 154, 1845. *Id. Mi.* 20.

8. SPILONOTA ACERIANA. The Maple Short-cloak T.

Pædisca Aceriana, *Mann, C.* 3. *Dup. L. F. Sup.* iv. 418, t. 83, f. 12, 1843 (non *Fisch.-v.-R.*).
Tortrix sociana, *a.*, *Haw. L. B.* 434, 1812.

b. NOTOCELIA.

Notocelia, p., *Hüb. V.* 380, 1816.

9. SPILONOTA OCELLANA. The Cream Short-cloak T. B. M.

Tortrix ocellana, *Schiff.* (*W. V.* 130, 1776).
Pyralis luscana, *Fab. E. S.* iii. *b*, 255, 1794.
Tortrix comitana, *Hüb. To.* t. 3, f. 16, 1801. *Haw. L. B.* 434, 1812.
Spilonota comitana, *Step. H.* iv. 92, 1834. *Wood, I. E.* 136, t. 50, f. 900.

c. PHANETA.

Phaneta, *Step. MSS.*

10. SPILONOTA PAUPERANA. The Early Short-cloak T.

Tortrix pauperana, *Parreys, C. H.-Schæff. S. To.* t. 53, f. 374 (non *Fisch.-v.-R.*).
Tortrix Paykulliana? *Haw. L. B.* 435, 1812.
Anticlea Paykulliana? *Step. H.* iv. 116, 1834.

Sub-Fam. V. GRAPHOLITHIDI.

Grapholithidi, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 169, 1845). *Id.* (*Mi.* 35).

24, (380). LITHOGRAPHIA.

Lithographia, *Step. MSS.*
Grapholitha, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 171, 1845). *Id.* (*Mi.* 37).
Grapholitha A., p., *Treit. E. S.* viii. 203, 1830.
Phoxopteris, *Cur.* (*G.* 170, 1831).
Anticlea, *Step. H.* iv. 113, 1834.

a. NOTOCELIA.

Notocelia, p., *Hüb. V.* 380, 1816.

1. LITHOGRAPHIA PAYKULLIANA. The Paykullian T. B. M.

Pyralis Paykulliana, *Fab. M.* ii. 237, 1787.
Tortrix fimbriana, *Thunb. I. S.* 44, t. 2, f. 3, 1791.
Anticlea fimbriana, *Step. II.* iv. 116, 1834. *Wood, I. E.* 144, t. 32, f. 968, 1835.
Tortrix sesquilunana, *Haw. L. B.* 435, 1812.
Var. *a.* Tortrix triquetrana, *Hüb. To.* t. 45, f. 280, 1816. *Id.* t. 53, f. 336, ♀, 1836.
Var. *b.* Grapholitha costana, *Dup. L. F.* xi. 510, t. 263, f. 1, 1836.

2. LITHOGRAPHIA NISELLA. The Poplar Blotch-back T. B. M.

Phalæna-Ti. nisella, *Clerck, Ic.* t. 12, f. 6, 1759.
Pyralis Bœberana, *Fab. M.* ii. 239, 1787.
Var. *a.* Phalæna Pavonana, *Don. B. I.* ii. 59, 61, t. 58, f. 3, 1793.
Steganoptycha Pavonana, *Step. H.* iv. 107, 1834. *Wood, I. E.* 141, t. 32, f. 941.
Tortrix Rubiana? *Haw. L. B.* 450, 1812.
Var. *b.* Tortrix silaceana, *Hüb. To.* t. 31, f. 196, 1801.
Var. *c.* Tortrix rhombifasciana, *Haw. L. B.* 451, 1812.
Steganoptycha rhombifasciana, *Step. H.* iv. 108, 1834. *Wood, I. E.* 141, t. 32, f. 944.
Var. *d.* Tortrix Bœberana, *Haw. L. B.* 450, 1812.
Steganoptycha Bœberana, *Step. II.* iv. 107, 1834. *Wood, I. E.* 141, t. 32, f. 942.
Var. *e.* Tortrix petrana, *Hüb. To.* t. 33, f. 210, 1805?
Tortrix cuspidana, *Haw. L. B.* 451, 1812.
Steganoptycha cuspidana, *Step. II.* iv. 107, 1834. *Wood, I. E.* 141, t. 32, f. 943.
Var. *f.* Tortrix decorana, *Hüb. To.* t. 42, f. 265, 1814.
Var. *g.* Tortrix stictana, *Haw. L. B.* 451 1812.
Steganoptycha stictana, *Step. II.* iv. 108, 1834. *Wood, I. E.* 142, t. 32, f. 945.

3. LITHOGRAPHIA CINERANA. The Mottled Gray T. B. M.

Tortrix cinerana, *Haw. L. B.* 451, 1812.
Steganoptycha cinerana, *Step. H.* iv. 108, 1834. *Wood, I. E.* 142, t. 32, f. 946.

4. LITHOGRAPHIA NIGROMACULANA. The Beautiful Marbled T. [B. M.

Tortrix nigromaculana, *Haw. To.* 436, 1812.
Anticlea nigromaculana, *Step. H.* iv. 114, 1834. *Wood, I. E.* 144, t. 32, f. 962.
Tortrix Freyerana, *Fisch.-v.-R.* 135, t. 51, f. 3, *a—c*, 1838.
Var. *a*. Tortrix albana, *Haw. L. B.* 436, 1812.
Anticlea albana, *Step. H.* iv. 114, 1834. *Wood, I. E.* 144, t. 32, f. 963.

5. LITHOGRAPHIA CAMPOLILIANA. The Retuse Marbled T. B. M.

Tortrix Campoliliana, *Schiff.* (*W. V.* 318, 1776).
Phalæna subocellana, *Don. B. I.* xi. 59, t. 380, f. 1, 1806.
Anticlea subocellana, *Step. H.* iv. 116, 1834. *Wood, I. E.* 145, t. 32, f. 970.
Var. *a*. Tortrix decorana, *Haw. L. B.* 437, 1812.
Anticlea asseclana, *Step. H.* iv. 117, 1834. *Wood, I. E.* 145, t. 32, f. 971.

b. ASTHENIA.

Asthenia, p., *Hüb. V.* 381, 1816.

6. LITHOGRAPHIA MINUTANA? The Brindled Marbled T.

Tortrix minutana, *Hüb.? To.* t. 12, f. 73, 1801.

c. PHIARIS.

Phiaris, *Hüb. V.* 381, 1816.

7. LITHOGRAPHIA TRIMACULANA. The Elm Marbled T. B. M.

Phalæna trimaculana, *Don. B. I.* xi. 25, f. 369, f. 1, 1806.
Tortrix Mitterbachiana, *Haw. L. B.* 463, 1812.
Anticlea Mitterbachiana, *Step. H.* iv. 117, 1834.

Grapholitha lithoxylana, *Dup. L. Fr.* xi. 291, t. 250, f. 7, 1835.
Grapholita Ulmariana, *Zeller, teste Guén. Ann. E. S. Fr.* 2. *Ser.* iii. 171, 1845. *Id.* (*Mi.* 37).
Var. *a.* Grapholitha Stannana, *Guén. olim, vide Mi.* 37.

8. LITHOGRAPHIA EXCRUCIANA. The Dingy Red T.
Lithographia excruciana, *Step. MSS.* (An. Pr. var. ?)

9. LITHOGRAPHIA PENKLERIANA. The Variable Red T. B. M.

Tortrix Penkleriana, *Schiff.* (*W. V.* 126, 1776).
Tortrix Mitterbacheriana, *Pz. F.* 81, f. 23, 1799.
Tortrix retusana, *Haw. L. B.* 453, 1812.
Anchylopera retusana, *Step. H.* iv. 108, 1834. *Wood, I. E.* 142, t. 32, f. 947.

[B. M.
10. LITHOGRAPHIA OBTUSANA. The Blunt-winged Blotch-back T.

Tortrix obtusana, *Haw. L. B.* 453, 1812.
Anchylopera obtusana, *Step. H.* iv. 110, 1834. *Wood, I. E.* 142, t. 32, f. 949.
Phoxopteria derasana, *Dup. L. F.* xi. 514, t. 263, f. 3, 1836.
Grapholitha distortana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 172, 1845. *Id. Mi.* 38.
♀. Anchylopera consobrinana, *Cur.* (*G.* 169, 1831).

d. EUDEMIS.

Eudemis, p., *Hüb. V.* 382, 1816.

11. LITHOGRAPHIA NÆVANA. The Marbled Single Dot T. B. M.
Tortrix nævana, *Hüb. To.* t. 41, f. 261, 1814.
Tortrix unipunctana, *Haw. L. B.* 454, 1812.
Steganoptycha unipunctana, *Step. H.* iv. 106, 1834. *Wood, I. E.* 141, t. 32, f. 939.

12. LITHOGRAPHIA GEMINANA. The Twin-spot Single Dot T.
Lithographia geminana, *Step. MSS.*
Grapholita dorsivittana, *Zeller ?*

25, (381). PHLÆODES.

Phlæodes, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 172, 1845). *Id.* (*Mi.* 38).
Epinotia, p.? *Hüb. V.* 377, 1816.
Steganoptycha, p., *Step.* (*C.* iv. 176, 1829). *Id. H.* iv. 105, 1834.

1. PHLÆODES TETRAQUETRANA. The Single Dot T. B. M.

Tortrix tetraquetrana, *Haw. L. B.* 454, 1812.
Steganoptycha tetraquetrana, *Step. H.* iv. 105, 1834. *Wood, I. E.* 141, t. 31, f. 937.
Tortrix frutetana, *Hüb. To.* t. 47, f. 393, 394, 1823.
Var. *a.* Tortrix angulana, *Haw. L. B.* 455, 1812.
Steganoptycha angulana, *Step. H.* iv. 106, 1834. *Wood, I. E.* 141, t. 37, f. 938.

2. PHLÆODES IMMUNDANA. The Angle-barred Single Dot T. [B. M.

Tortrix immundana, *Fisch.-v.-R. Mi.* 138, t. 53, f. 2, *a—d*, 1839.
Var. *a.* Tortrix triquetrana, *Haw. L. B.* 454, 1812.
Steganoptycha triquetrana, *Step. H.* iv. 106, 1834. *Wood, I. E.* 141, t. 32, f. 940.

3. PHLÆODES DEMARNIANA. The Blotched Single Dot T. B. M.

Tortrix Demarniana, *Fisch.-v.-R. M.* 106, t. 65, f. 3, *a b*, 1839.
Anticlea nævana, *Step. H.* iv. 115, 1834. *Wood, I. E.* 144, t. 32, f. 964.

4. PHLÆODES CRENANA? The Notched Single Dot T.

Tortrix crenana, *Hüb.*? *To.* t. 38, f. 242, 1812.
Pædisca monachana, *Fisch.-v.-R.*? *M.* 139, t. 53, f. 3, *a—d*, 1834.

26, (382). ANCHYLOPERA.

Anchylopera, *Step.* (*C.* ii. 177, 1829). *Id. H.* iv. 109, 1834.
Ancylis, p., *Hüb. V.* 376, 1816.
Epicharis, *Hüb. V.* 376, 1816.
Phoxopteris, p., *Treit.* (*E. S.* vii. 232, 1829).
Phoxopteryx, *Sodoff.* (*Bull. S. I. Mosc.* 20, 1837). *Guén. Mi.* 35, 1845.

a. PHILALCEA.

Philalcea, t., *Cur. B. E.* xiii. fo. 583, 1836.
Anticlea, t., *Step. olim.* (*Vide H.* iv. 113 and 396, 1834).

1. ANCHYLOPERA RAMELLA. The Hooked Marble T. B. M.

Phalæna-Ti. ramella, *Lin.? S. Nat.* i. 540, 1758.
Pyralis lactana, *Fab. M.* ii. 229, 1787.
Pyralis lætana, *Fab. E. S.* iii. *b*, 258, 1794.
Tortrix harpana, *Hüb. To.* t. 13, f. 77, 1801.
Anticlea harpana, *Step. H.* iv. 114, t. 39, f. 1, 1834.

b. ANCHYLOPERA.

Anchylopera, *Cur. B. E.* viii. fo. 376, 1831.

2. ANCHYLOPERA UPUPANA.* The Dark Hook-tip T.

Phoxopteris Upupana, *Treit. E. S. Sup.* x. 3, 127, 1835.
Grapholitha ustulana, *Treit. E. S.* viii. 219, 1830.
Tortrix ustulana, *H.-Schæff. S. To.* t. 28, f. 5.

[B. M.

3. ANCHYLOPERA MITTERBACHERIANA. The Red Hook-tip T.

Tortrix Mitterbacheriana, *Schiff.* (*W. V.* 129, 1776).
Tortrix subuncana, *Haw. L. B.* 453, 1812.
Anchylopera subuncana, *Step. H.* iv. 109, 1834. *Wood, I. E.* 142, t. 32, f. 948.
Phoxopteris Penkleriana, *Treit. E. S.* viii. 241, 1830.

4. ANCHYLOPERA DIMINUTANA. The Festoon T.

Tortrix diminutana, *Haw. L. B.* 452, 1812.
Anchylopera diminutana, *Step. H.* iv. 112, 1834. *Wood, I. E.* 143, t. 32, f. 955.
Phoxopteris cuspidana, *Treit. E. S.* viii. 236, 1830.

[B. M.

5. ANCHYLOPERA DERASANA. The Hook-tipped Blotch-back T.

Tortrix derasana, *Hüb. To.* t. 32, f 206, 1802?
Tortrix unculana, *Haw. L. B.* 453, 1812.
Anchylopera unculana, *Step. H.* iv. 110, 1834. *Wood, I. E.* 142, t. 32, f. 950.

6. ANCHYLOPERA LUNDANA. The Lundian T. B. M.

Pyralis Lundana, *Fab. G. I. M.* 294, 1777.
Anchylopera Lundana, *Step. H.* iv. 110, 1834. *Wood, I. E.* 142, t. 32, f. 951.
Tortrix Corylana, *Hüb. To.* t. 9, f. 53, 1801.
Phoxopteris badiana, *Treit. E. S.* viii. 243, 1830.

7. ANCHYLOPERA MYRTILLANA. The Myrtle T. B. M.

Phoxopteris Myrtillana, *Treit. E. S.* viii. 245, 1830. *Dup. L. F.* xi. 345, t. 253, f. 4, 1834.
Anchylopera Lyellana, *Cur. B. E.* viii. fo. 376, 1831. *Step. H.* iv. 111, 1834.
Anchylopera derasana, *Step. H.* iv. 111, 1834.

8. ANCHYLOPERA COMPTANA. The Delicate Hook-tip T.

Tortrix comptana, *Fröl. T. W.* 99, 1828.
Phoxopteris comptana, *Dup. L. F. Sup.* iv. 187, t. 66, f. 3, 1843.

9. ANCHYLOPERA BIARCUANA. The Double Arched T. B. M.

Anchylopera biarcuana, *Step.* (*C.* ii. 178, 1829).
Anchylopera cuspidana, *Step. H.* iv. 113, 1834. *Wood, I. E.* 143, t. 32, f. 959.
Phoxopterix crenana, *Dup. L. F.* xi. 334, t. 252, f. 7, 1835.
Var.? *a.* Anchylopera subarucana, *Doug. Trans. Ent. So.* v. 21, 1847.

10. ANCHYLOPERA UNCANA. The Bridge T. B. M.

Tortrix uncana, *Hüb. To.* t. 13, f. 76, 1801.
Anchylopera uncana, *Step. H.* iv. 112, 1834.
Phalæna geminana, *Don. B. I.* xi. 29, t. 370, f. 1, 1806.

11. ANCHYLOPERA UNGUICELLA. The Heath Hook-tip T. B. M.

Phalæna-Ti. unguicella, *Lin. S. Nat.* i. 536, 1758.
Tortrix falcana, *Hüb.? To.* t. 13, f. 78, 1801.
Anchylopera fractifasciana, *Step.* (*C.* ii. 178, 1829). *Id. H.* iv. 111, t. 34, ♀. 3, 1834. *Cur. l. c. supra. Wood, I. E.* 143, t. 32, f. 953.
Phoxopteris ericeana, *Dup. L. F.* xi. t. 252, f. 9, 1835.

12. ANCHYLOPERA SICULANA. The Hook-tipped Streak T. B. M.

Tortrix siculana, *Hüb. To.* t. 13, f. 79, 1801.
Anchylopera siculana, *Step. H.* iv. 111, 1834. *Wood, I. E.* 143, t. 32, f. 954.

27, (383). BACTRA.

Bactra, *Step. H.* iv. 125, 1834.
Aphelia, *Step.* (*C.* ii. 180, 1829).
Leptia (Gen. Coleop. 1833). *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 169, 1845). *Id.* (*Mi.* 35).
Ancylis, p., *Hüb. V.* 376, 1816.

1. BACTRA LANCEOLANA. The Marsh Drab T. B. M.

Tortrix lanceolana, *Hüb. To.* t. 13, f. 80, 1801.
Var. *a.* Tortrix egenana, *Haw. L. B.* 469, 1812.
Bactra egenana, *Step. H.* iv. 124, 1834.
Aphelia egenana, *Wood, I. E.* 147, t. 33, f. 990, 1835.
Var. *b.* Tortrix pauperana, *Haw. L. B.* 469, 1812.
Bactra pauperana, *Step. H.* iv. 125, 1834.
Aphelia pauperana, *Wood, I. E.* 147, t. 33, f. 991, 1835.
Var. *c.* Tortrix egestana, *Haw. L. B.* 470, 1812.
Bactra egestana, *Step. H.* iv. 125, 1834.
Aphelia egestana, *Wood, I. E.* 147, t. 33, f. 992, 1835.
Var. *d.* Tortrix plagana, *Haw. L. B.* 125, 1812.
Bactra plagana, *Step. H.* iv. 125, 1834.
Aphelia plagana, *Wood, I. E.* 147, t. 33, f. 993, 1835.

2. BACTRA NIGROVITTANA. The Scotch Drab T.
Bactra nigrovittana, *Step. MSS.* (Pr. var. ?)

3. BACTRA FURFURANA. The Mottled Bran T. B. M.

Tortrix furfurana, *Haw. L. B.* 466, 1812.
Orthotænia furfurana, *Step. H.* iv. 137, 1834. *Wood, I. E.* 151, t. 34, f. 1024.
Ablabia fuscana, *Chant, MSS.*
Bactra fuscana, *West. & H. M.* ii. 139, 1844.
Leptia? Juncana, *Guén. MSS. teste Doub.* (*L.* 24, 1850).

28, (384). CARTELLA.

Cartella, *Guén. olim. Vide* (*Mi.* 40. 1845).
Pædisca†, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 174, 1845).

1. CARTELLA BILUNANA. The Double Crescent T. B. M.

Tortrix bilunana, *Haw. L. B.* 436, 1812.
Anticlea bilunana, *Step. H.* iv. 116, 1834.
Eupœcilia bilunana, *Step.* (*C.* ii. 191, 1829). *Wood, I. E.* 144, t. 32, f. 969.
Tortrix Cretaceana, *Fröl. T. W.* 42, 1828.

29, (385). HYPERMECIA.

Hypermecia, *Guén.* (*Ann. S. E. Fr.* 2 *Ser.* iii. 173, 1845). *Id.* (*Mi.* 39).
Panoplia, t., *Hüb. V.* 393, 1816.

1. HYPERMECIA AUGUSTANA. The Red Cross T. B. M.

Tortrix augustana, *Hüb. To.* t. 32, f. 205, 1810.
Tortrix cruciana, *Haw. L. B.* 426, 1812.
Phalæna-To. cruciana, *Lin.? F.* ii. 347, No. 1333, 1761.
Lozotænia? cruciana, *Step. H.* iv. 80, 1834. *Wood, I. E.* 133, t. 30, f. 873.
Tortrix excæcana, *H.-Schæff. S.* t. 51, f. 363.
Var. *a.* Hypermecia Viminana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 173, 1845. *Id. Mi.* 39.
Var. *b.* Tortrix cruciana, β., *Haw. L. B.* 426, 1812.
Lozotænia cinerana, *Step.* (*C.* ii. 171, 1829).
Var. *c.* Tortrix Gyllenhahliana, *Thunb.? I. S.* 22, t. adj. 1784.

30, (386). DITULA.

Ditula, *Step.* (*C.* ii. 172, 1829). *Id. H.* iv. 83, 1834.
Batodes, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 174, 1845). *Id.* (*Mi.* 40).
Amphisa, p., *vide Cur. B. E.* xvi. fo. 763, 1839.

1. DITULA ANGUSTIORANA. The Red-bar T. B. M.

Tortrix angustiorana, *Haw. L. B.* 429, 1812.
Ditula angustiorana, *Step. H.* iv. 83, 1834. *Wood, I. E.* 133, t. 30, f. 379, ♀.
Batodes Dumeriliana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 176, 1845. *Id. Mi.* 40.
Var. ♂. Tortrix rotundana, *Haw. L. B.* 429, 1812.
Ditula rotundana, *Step. H.* iv. 84, 1834. *Wood, I. E.* 133, t. 30, f. 378.

31, (387). PŒCILOCHROMA.

Pœcilochroma, *Step.* (*C.* ii. 182, 1829). *Id. H.* iv. 138, 1834.
Thirates, (Therates, *Gen. Coleop.* 1817). *Treit.* (*E. S.* vii. 233, 1829).
Pædisca, p., *Treit.* (*E. S.* viii. 188, 1830).
Paragrapha, *Sodoff.* (*Bull. S. I. Mosc.* 20, 1837).
Pædisca††, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 174, 1845). *Id.* (*Mi.* 40).

a. Ditula.

Ditula, A, b., *Step. H.* iv. 84, 1834.
Epinotia, p, *Hüb. V.* 377, 1816.

1. Pœcilochroma profundana. The Oblique-barred T. B. M.

Tortrix profundana, *Schiff.* (*W. V.* 132, 1776).
Tortrix Wellensiana, *Hüb. To.* t. 37, f. 237, 1812.
Ditula Wellensiana, *Step. H.* iv. 85, 1834.
Ditula Asselana, *Step.* (*C.* ii. 172, 1829).
Var. *a.* Tortrix Porphyrana, *Hüb.? To.* t. 5, f. 26, 1801.
Tortrix Porphyriana, *Haw. L. B.* 461, 1812.
Ditula Porphyrana, *Step. H.* iv. 84, 1834.
Pædisca profundana, *Treit. E. S.* viii. 192, 1830.
Var. *b.* Phalæna nebulana, *Don. B. I.* xi. 13, t. 364, f. 3, 1806.
Var. *c.* Ditula nebulana, *Step. H.* iv. 85, 1834.
Var. *c.* Tortrix Æthiopana, *Haw. L. B.* 462, 1812.
Ditula Æthiopana, *Step. H.* iv. 85, 1834. *Wood, I. E.* 134, t. 30, f. 883.
Var. *d.* Pædisca Porphyrana, *Dup. L. F.* xi. 548, t. 264, f. 9, 1835.
Var. *e.* Tortrix aseclana, *Haw. L. B.* 462, 1812.
Ditula Porphyrana, *Wood, I. E.* 133, t. 30, f. 882, 1835.
Var. *f.* Tortrix sylvana, *Haw. L. B.* 462, 1812.
Ditula sylvana, *Step. H.* iv. 84, 1834.
Var. *g.* Ditula nebulana, *Wood, I. E.* 134, t. 30, f. 881, 1835.
Var. *h.* Tortrix Alphonsiana, *Dup. L. F.* xi. 93, t. 239, f. 9, 1834.
Var. *i.* Glyphiptera nebulna, *Dup. L. F.* xi. 137, t. 242, f. 6. 1834.

b. ZEIRAPHERA.

Zeiraphera, t., *Cur. B. E.* xv. fo. 711, 1833.

2. PŒCILOCHROMA CORTICANA. The Cock's Head T. B. M.

Tortrix corticana, *Schiff.* (*W. V.* 131, 1776).
Pyralis communana, *Fab.? E. S.* iii. *b*, 259, 1794.
Zeiraphera Lichenana, *Treit.* (*E. S.* vii. 231, 1829).
Pœcilochroma communana, *Step. H.* iv 139, 1834. *Wood, I. E.* 152, t. 34, f. 1029.
Var. *a.* Pyralis Isertana, *Fab.? E. S.* iii. *b*, 281, 1794.

c. ACALLA.

Acalla, t., *Hüb. V.* 383, 1816.

3. PŒCILOCHROMA OPHTHALMICANA. [T. B. M. The Black Double-blotched

Tortrix ophthalmicana, *Hüb. To.* t. 9, f. 51, 1801.
Pyralis maculana, *Fab.? E. S.* iii. *b*, 251, 1794.
Pœcilochroma maculana, *Step. H.* iv. 141, 1834. *Wood, I. E.* 152, t. 34, f. 1032.

4. PŒCILOCHROMA OPPRESSANA.* The Obscure Blotch-back T.

Pædisca oppressana, *Treit. E. S. Sup.* x. 3, 95, 1835.
Tortrix oppressana, *H.-Schæff. S. To.* t. 29, f. 242.

5. PŒCILOCHROMA OCCULTANA. The Dingy Blotch-back T.

Pœcilochroma occultana, *Dougl. Zool.* iv. 1267, 1268, f. 2, 1846, 3.
Grapholita Pinicolana, *Zell. Isis*, 243, 1846, 4.

6. PÆCILOCHROMA? SIGNATANA. The Black-blotched T.

Sericoris signatana, *Dougl. Zool.* iii. 844, 1845.
Grapholita Padana, *Leinig, teste Zell. Isis*, 243, 1846.
Tortrix Padana, *H.-Schæff. S. To.* t. 54, f. 383.

d. Astatia.

Astatia, *Hüb. V.* 377, 1816.

7. Pœcilochroma Solandriana. The Solandrian T. B. M.

Phalæna-To. Solandriana, *Lin. S. Nat.* i. 532, 1758.
Pœcilochroma Solandriana, *Step. H.* iv. 139, 1834. *Wood, I. E.* 152, t. 34, f. 1027.
Tortrix semilunana, *Fröl. T. W.* 43, 1828.
Tortrix Parmatana, var., *Fisch.-v.-R.* t. 4, f. *u—z*, 1834.
Var. *a*. Pædisca semimaculana, *Dup. L. F.* xi. 371, t. 254, f. 5, 1835.
Var. *b*. Tortrix semimaculana, *Hüb. To.* t. 9, f. 48, 1801.

8. Pœcilochroma Brunnichana. The Brunnichian T. B. M.

Phalæna-To. Brunnichana, *Lin. S. Nat.* ii. 880, 1767.
Tortrix trapezana, *Haw. L. B.* 441, 1812.
Pœcilochroma trapezana, *Step. H.* iv. 139, 1834. *Wood. I. E.* 152, t. 34, f. 1028, ♂ et ♀.
Pædisca Parmatana, *Fisch.-v.-R.* t. 2, 3, fig. omn. 1834.
Var. *a*. Pyralis trapezana, *Fab. M.* ii. 228, 1787.
Pœcilochroma trapezana, *Wood, l. c.* ♂.
Var. *b*. Tortrix Sparmanniana, *Haw. L. B.* 440, 1812.
Pædisca Sparmanniana, *Step.* (*C.* ii. 183, 1829).
Var. *c*. Tortrix Parmatana, *Hüb. To.* t. 40, f. 253, 1814.
Var. *d*. Tortrix Parmatana, *Hüb. To.* t. 40, f. 254, 1814.
Var. *e*. Tortrix ratana. *Hüb. To.* t. 37, f. 236, 1812.
Var. *f*. Pædisca ratana, *Dup. L. F.* xi. 372, t. 254, f. E, 1835.
Var. *g*. Pædisca sylvana, *Dup. L. F.* xi. 372, t. 254, f. F, 1835.
Var. *h*. Tortrix sinuana, *Schiff.?* (*W. V.* 131, 1766). *Hüb. To.* t. 33, f. 212, 1810.
Var. *i*. Tortrix vittana, *Cur.?* (*C.* 168, 1831).
Var. *k*. Anchylopera fumalana, *Step.* (*C.* ii. 178, 1829). *Id. H.* iv. 112, 1834. *Wood, I. E.* 143, t. 32, f. 956.
Var. *l*. Pædisca Parmatana, var., *Dup. L. F.* xi. 372, t. 254, f. 2, B, 1835.

9. PŒCILOCHROMA STABILANA. The Clouded Willow T.

Pœcilochroma stabilana, *Step. MSS.* (Præc. var.?)

10. PŒCILOCHROMA PICEANA. The Shining Pitch T. B. M.

Tortrix piceana, *Haw. L. B.* 440, 1812.
Pœcilochroma piceana, *Step. H.* iv. 140, 1834. *Wood, I. E.* 152, t. 34, f. 1030.
Tortrix sordidana, *Hüb. To.* t. 47, f. 292, 1829.
Pœcilochroma sordidana, *Step. H.* iv. 397, 1835.
Var. *a.* Pœcilochroma sordidana, var. *Step. l. c.*
Var. *b.* Tortrix semifuscana, *Haw. MSS.*
Pœcilochroma semifuscana, *Step. H.* iv. 140, t. 36, f. 1, 1834.
Pædisca melaleucana, *Dup. L. F.* xi. 375, t. 255, f. 2, 1835.

32, (388). HALONOTA.

Halonota, *Step. MSS.*
Pædisca, p., *Treit. E. S.* viii. 189, 1830.
Ephippiphora, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 176, 1845) *Id.* (*Mi.* 42). (non *Dup.*)

a. EPINOTIA.

Epinotia, p., *Hüb. V.* 377, 1816.

1. HALONOTA BIMACULANA. The Double Blotched T. B. M

Phalæna bimaculana, *Don. B. I.* xiii. 55, t. 459, 1808.
Tortrix similana, *Hüb. To.* t. 7, f. 41, 1801.
Tortrix Strœmiana, *Haw. L. B.* 441, 1812.
Spilonota Strœmiana, *Step. H.* iv. 93, 1834. *Wood, I. E.* 136, t. 31, f. 903.
Tortrix dissimilana, *Fisch.-v.-R. Mi.* 170, t. 62, f. 2, *a, b*, 1839.

2. HALONOTA CIRSIANA. The Lesser Double Blotched T. B. M.

Pædisca? Cirsiana, *Zell. teste Doub.* (*L.* 25, 1850).
Tortrix Cirsiana, *H.-Schæff. S. To.* t. 31, f. 225.
Ephippiphora mortuana, *Guén. in litt. Doub. l. c.*
♀. Tortrix stictana, var. *β.*, *Haw. L. B.* 442, 1812.

b. EPIBLEMA.

Epiblema, p., *Hüb.* (*V.* 375, 1816).

3. HALONOTA SCUTULANA. The Single Blotched T. B. M.

Tortrix scutulana, *Schiff.* (*W. V.* 131, 1776).
Tortrix profundana, *Hüb.? To.* t. 4, f. 21, 1801.
♂. Tortrix Pflugiana, *Haw. L. B.* 441, 1812.
Spilonota Pflugiana, *Step. H.* iv. 93, 1834. *Wood, I. E.* 136, t. 30, f. 902.
♀. Tortrix stictana, var. *a.*, *Haw. L. B.* 442, 1812.
Pyralis sticticana, *Fab.? E. S.* iii. *b*, 270, 1794.
Spilonota sticticana, *Step. H.* iv. 94, 1834. *Wood, I. E.* 137, t. 31, f. 906.

4. HALONOTA NOVANA. The Smaller Single Blotched T.

Ephippiphora novana, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 176, 1845), *teste Doub.* (*L.* 25, 1850).

5. HALONOTA BRUNNICHIANA. The Tawny Blotch-back T. B. M.

Tortrix Brunnichiana, *Schiff.* (*W. V.* 132, 1776).
Tortrix rusticana, *Haw. L. B.* 442, 1812.
Spilonota rusticana, *Step. H.* iv. 93, 1834. *Wood, I. E.* 137, t. 31, f. 904.
Var. *a.* Spilonota quadrana, *Step. H.* iv. 95, 1834. *Wood, I. E.* 137, t. 31, f. 910.

6. HALONOTA TURBIDANA. The Hippopotamus T.

Pædisca turbidana, *Treit. E. S. Sup.* x. 3, 98, 1835.
Ephippiphora turbidana, *Logan, Zool.* vi. 2034, fig. *a*, *b*, 1848.
Tortrix turbidana, *H.-Schæff. S. To.* t. 31, f. 229.

7. HALONOTA FŒNELLA. The White-foot T. B. M.

Phalæna-Ti. fœnella, *Lin. S. Nat.* ii. 536, 1758.
Spilonota fœnella, *Step. H.* iv. 92, 1834.
Tortrix Scopoliana, *Schiff.* (*W. V.* 129, 1776).
Phalæna interrogationana, *Don. B. I.* ii. 75, t. 65, f. 1, 1792.
Tortrix tibialana, *Hüb. To.* t. 7, f. 40, 1801.
Ephippiphora fœneana, *Guén.* (*Mi.* 42, 1845).

[B. M.

8. HALONOTA TRIGEMINANA. The Triple-streaked Blotch-back T.

Spilonota trigeminana, *Step.* (*C.* ii. 174, 1829). *Id. H.* iv. 94, t. 37, f. 3, 1834. *Wood, I. E.* 137, t. 31, f. 905.
Ephippiphora pœcilana, *Guén. MSS.* (*teste Doub. L.* 25, 1850).
♀. Spilonota argyrana, *Step. H.* iv. 95, 1834. *Wood, I. E.* 137, t. 31, f. 908.

9. HALONOTA COSTIPUNCTANA. The Lesser Blotch-back T.

Tortrix costipunctana, *Haw. L. B.* 443, 1812.
Spilonota costipunctana, *Step. H.* iv. 95, 1834. *Wood, I. E.* 137, t. 31, f. 907.
Grapholitha Gallicolana, *Heyden, MSS. Zeller, Isis*, 1846.
Tortrix Gallicolana, *H.-Schæff. S. To.* t. 24, f. 172.

10. HALONOTA TETRAGONANA. The Quadrangular Blotch-back T.

Spilonota tetragonana, *Step.* (*C.* ii. 174, 1829). *Id. H.* iv. 96, 1834. *Wood, I. E.* 137, t. 31, f. 910.
Ephippiphora luctuosana, *Dup. L. F.* xi. 326, t. 252, f. 4, 1835.

c. HEMIMENE.

Hemimene, p., *Hüb.* (*V.* 378, 1816).

11. HALONOTA POPULANA. The Pygmy Y T.

Pyralis Populana, *Fab. M.* ii. *App.* 382, 1787.
Pseudotomia Populana, *Step. H.* iv. 102, 1834. *Wood, I. E.* 139, t. 31, f. 928.
Tortrix ephippana, *Hüb. To.* t. 39, f. 246, 1814.

12. HALONOTA NIGRICOSTANA. The Black-edged Marble T.

Tortrix nigricostana, *Haw. L. B.* 438, 1812.
Spilonota nigricostana, *Step. H.* iv. 96, 1834. *Wood, I. E.* 137, t. 31, f. 911.
Pædisca Remyana, *Kollar, teste Guén. Mi.* 43.
Pædisca squalidana, *Treit. MSS.* (*teste Guén. l. c.*).

13. HALONOTA OBSCURANA. The Faint Blotch-back T.

Pseudotomia obscurana, *Step.* (*C.* ii. 175, 1829). *Id. H.* iv. 98, 1834. *Wood, I. E.* iv. 138, t. 31, f. 914.

33, (389). ANISOTÆNIA.

Anisotænia, *Step. MSS.*
Olindia (Olinda, Gen. Dipt.), *Guén.* (*Ann. S. E. Fr.* 2 *Ser.* iii. 178, 1845). *Id.* (*Mi.* 44).
Eudemis, p., *Hüb. V.* 382, 1816.

1. ANISOTÆNIA ULMANA. The White-barred Elm T. B. M.

Tortrix Ulmana, *Hüb. To.* t. 45, f. 278, 1816.
Pyralis Schumacherana. *Fab. ? M.* ii. 236, 1787.
♀. Tortrix areolana, *Hüb. To.* 45, f. 279, 1816.
Tortrix hastiana, *Haw. ? L. B.* 462, 1812.
Orthotænia Hastiana, *Step.* (*C.* ii. 182, 1829).
Rhyaconia? Hastiana, *Step. H.* iv. 180, 1834.
Zeiraphila Hastiana, *Cur. B. E.* xv. t. 711, 1838.
Tortrix? Miltonana, —— *MSS.*

34, (390). SEMASIA.

Semasia, *Step.* (*C.* ii. 179, 1829). *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 178, 1845). *Id.* (*Mi.* 45.)
Zeiraphia, p., *Cur.* (*G.* 168, 1831).

a. SEMASIA.

Semasia, *Step. ut supra.*

1. SEMASIA SPINIANA. The White Triangle T. B. M.

Grapholitha spiniana, *Fisch.-v.-R. MSS. Dup. L. F. Sup.* iv. 192, t. 66, f. 7, 1842.
Pseudotomia trigonana, *Step.* (*C.* ii. 176, 1829).
Pseudotomia Ephippana? *Step. H.* iv. 102, 1834. *Wood, I. E.* 140, t. 31, f. 929.

b. ASPILA.

Aspila, *Step. H.* iv. 104, 1834.

2. SEMASIA JANTHINANA. The Purple-shades T. B. M.

Coccyx Janthinana, *Dup. L. F.* xi. 245, t. 248, f. 1, 1834.
Tortrix Lediana, *Haw. L. B.* 459, 1812.
Pseudotomia Lediana, *Step. H.* iv. 104, 1834. *Wood, I. E.* 140, t. 31, f. 934.
Grapholitha incisana, *Fisch.-v.-R. MSS.?* (non *Mi.*)

3. SEMASIA RUFILLANA. The Dark Purple-shades T.

Grapholitha? rufillana, *Zell. in litt.* (*teste Doub. L.* 25, 1850).
Tortrix Lediana, var., *Haw. L. B.* 459, 1812.

c. ENARMONIA.

Enarmonia, t., *Hüb.* (*V.* 375, 1816).

4. SEMASIA WŒBERANA. The Wœberian T. B. M.

Tortrix Wœberana, *Schiff.* (*W. V.* 126, 1776).
Semasia Wœberana, *Step. H.* iv. 120, 1834. *Wood, I. E.* 145, t. 33, f. 977.
Tortrix ornatana, *Hüb. To.* t. 6, f. 32, 1801.
Tortrix unguicana, *Haw.?* (*Pr.* 33, 1802).

35, (391). COCCYX.

Coccyx, *Treit.* (*E. S.* vii. 230, 1829).
Strobila, *Sodoff. Bull.* (*S. I. Mosc.* 19, 1837).

a. Hemimene.

Hemimene, p., *Hüb. V.* 377, 1816.

1. Coccyx cosmophorana. The Obscure Silver-striped T.

Grapholitha cosmophorana, *Treit. E. S. App.* x. 3, 124, 1835.
Tortrix cosmophorana, *Ratz. F. I.* ii. 212, t. 14, f. 2, 1840.

2. Coccyx Strobilella. The Large Dark Silver-striped T. B. M.

Phalæna-To. Strobilella, *Lin. S. Nat.* i. 539, 1758.
Tortrix Strobilana, *Ratz. F. I.* ii. 218, t. 12, f. 8; t. 13, f. 1, *metam.* 1840.

3. Coccyx splendidulana. The Cinereous Silver-barred T. B. M.

Coccyx splendidulana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 179, 1845. *Id. Mi.* 45.
Tortrix Strobilana, *Haw. L. B.* 448, 1812.
Pseudotomia Fraternana, *Step.* (*C.* ii. 175, 1829). *Wood, I. E.* 138, t. 31, f. 915, 1835.

4. Coccyx argyrana. The Light Silver-striped T. B. M.

Tortrix argyrana, *Hüb. To.* t. 8, f. 46, 1801.
Tortrix atromargana, *Haw. L. B.* 446, 1812.
Pseudotomia atromargana, *Step. H.* iv. 99, 1834. *Wood, I. E.* 138, t. 31, f. 916.
♀. Pseudotomia Strobilella. *Step. H.* iv. 99, 1834.

5. Coccyx finitimana. The Bright Silver-barred T.

Coccyx finitimana, *Guén. MSS. teste Doub.* (*L.* 25, 1850).

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b. ASTHENIA.

Asthenia, p., *Hüb.? V.* 381, 1816.

6. Coccyx pygmæana.* The Dwarf Silver-striped T.

Tortrix pygmæna, *Hüb. ? To.* t. 12, f. 69, 1801.
Tortrix subsequana, *Haw. L. B.* 448, 1812

c. EVETRIA.

Evetria, p., *Hüb. V.* 378, 1816.

7. Coccyx Hyrciniana. The Pine Silver-barred T. B. M.

Pyralis Hyrciniana, *Uslar. P. H.* 1798.
Tortrix comitana, *Schiff. ?* (*W. V.* 131, 1776).
Orthotænia comitana, *Step. H.* iv. 180, 1834. *Wood, I. E.* 165, t. 37, f. 1131.
Tortrix piceana, *Hüb. To.* t. 12, f. 72, 1801.
Evetria Cembrana, *Hüb.* (*V.* 379, 1816).
Tortrix Abietana, *Step. MSS. olim.* (*Cat.* ii. 176, 1829).
Var. *a.* Tortrix Clausthaliana, *Ratz. F. I.* ii. 223, t. 12, f. 2, 1840.
Var. *b.* Orthotænia distinctana, *Bentley, Mus.*
Orthotænia piceana, *West. & H. M.* ii. 172, t. 99, f. 14, 1844.

8. Coccyx ustomaculana. The Loch Rannoch T.

Anchylopera ustomaculana, *Cur. B. E.* viii. t. 376, 1831. *Step. H.* iv. 112, 1834.
Coccyx pellicana, *Guén. in litt. teste Doub.* (*L.* 25, 1850).

9. Coccyx nanana. The Dwarf Pine T.

Coccyx nanana, *Kuhlw. teste Treit. E. S. Sup.* x. 3, 80, 1835.
Sericoris tenebrosana, *Dougl. Zool.* iv. 1267, f. 3, 1846.
Coccyx Douglasana, *Guén. in litt. teste Doub.* (*L.* 25, 1850).

10. Coccyx Vacciniana. The Whortleberry T.

Coccyx Vacciniana, *Tisch. Man. C.* 2, 1843?
Sericoris Myrtillana, *Chant, MSS.* (*teste West. l. c.*)
Cnephasia Myrtillana, *W.? & H. M.* ii. 146, t. 89, f. 15, 1844.

36, (392). HEUSIMENE.

Heusimene, *Step. H.* iv. 96, 1834.

1. HEUSIMENE FIMBRIANA. The Brown-bordered T.
   Tortrix fimbriana, *Haw. L. B.* 446, 1812.
   Heusimene fimbriana, *Step. H.* iv. 97, 1834. *Wood, I. E.* 138, t. 31, f. 913.

37, (393). PAMPLUSIA.

Pamplusia, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 180, 1845). *Id.* (*Mi.* 46).
Sericoris, p., *Step. H.* iv. 136, 1834.

1. PAMPLUSIA MONTICOLANA. The Faint Silver-striped T.
   Grapholitha Monticolana, *Mann. V. M. L.* 3, (1843 ?).
   Sericoris? subsequana, *Step. H.* iv. 136, 1834. *Wood, I. E.* 151, t. 34, f. 1021.

2. PAMPLUSIA ALTICOLANA. The Mountain Silver-striped T.
   Pamplusia Alticolana, *Step. MSS.* (Pr. var.?)

38, (394). RETINIA.

Retinia, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 180, 1845). *Id.* (*Mi.* 46).
Orthotænia, *Cur. B. E.* iii. fo. 364, 1831.

a. RHYACIONIA.

Rhyacionia, p., *Hüb. V.* 379, 1816.

1. RETINIA BUOLIANA. The Silver-striped Orange Spot T. B. M.
   Tortrix Buoliana, *Schiff.* (*W. V.* 128, 1776).
   Tortrix Turionana, *Haw. L. B.* 399, 1812.
   Tortrix gemmana, *Hüb. To.* t. 43, f. 269, 1816.
   Orthotænia gemmana, *Step. H.* iv. 178, 1834. *Wood, I. E.* 165, t. 37, f. 1127.
   Tortrix Pallasana, *Bull. S. I. Mosc.* ii. 72, t. 1, f. 4, 1830, *teste Treit. E. S.* x. 3, 250, 1835.

2. RETINIA PINICOLANA. The Orange-spot T. B. M.
Retinia Pinicolana, *Doub.* (*L.* 25, 1850). *Id. Zool.* viii. *App.* 106, 1850.
Orthotænia Turionella, *Cur. B. E.* viii. t. 364, 1831. *Step. H.* iv. 178, 1834.
Var.? *a.* Tortrix Xylosteana, *Hüb. To.* t. 24, f. 154, 1801.

3. RETINIA TURIONELLA.* The Pale Orange-spot T.
Phalæna-Ti. Turionella, *Lin. S. Nat.* i. 539, 1758.
Tortrix Turionana, *Ratz. F. I.* ii. 209, t. 14, f. 3, 1840.

4. RETINIA PINIVORANA. The Dingy Red-spot T. B. M.
Coccyx? Pinivorana, *Zell. Isis*, 1846, p. 226.
Cnephasia Resinellæ, *Step.* (*C.* ii. 181, 1829). *Wood, I. E.* 165, t. 37, f. 1130.
Orthotænia Resinellæ, *Cur. B. E.* viii. fo. 364, 1831. *Step. H.* iv. 179, 1834.
Retinia Albionana, *Guén. in litt. teste Doub.* (*L.* 25, 1850).

b. EVETRIA.

Evetria, p., *Hüb. V.* 378, 1816.

5. RETINIA SYLVESTRANA. The Wood Pine T. B. M.
Orthotænia? sylvestrana, *Cur. A. & M. Nat. Hist.* 2 *Ser.* v. 111, 1850.
Tortrix duplana, *Hüb.? To.* t. 36, f. 229, 30, 1812.

39, (395). CARPOCAPSA.

Carpocapsa, *Treit.* (*E. S.* vii. 231, 1829). *Id.* viii. 160, 1830.

a. ENARMONIA.

Enarmonia, p., *Hüb. V.* 375, 1816.

1. CARPOCAPSA SPLENDANA. The Bright Marble T. B. M.
Tortrix splendana, *Hüb. To.* t. 6, f. 31, 1801.
Carpocapsa splendana, *Step. H.* iv. 119, 1834. *Wood, I. E.* 145, t. 33, f. 975.

2. CARPOCAPSA GROSSANA. The Smoky Marble T. B. M.

Tortrix grossana, *Haw. L. B.* 438, 1812.
Carpocapsa grossana, *Step. H.* iv. 120, 1834. *Wood, I. E.* 145, t. 33, f. 976.
Tortrix Fagiglandana, *Heyd.? H.-Schæff.? S. To.* t. 22, f. 157—160.

b. CYDIA.

Cydia, *Hüb. V.* 375, 1816.

3. CARPOCAPSA POMONELLA. The Codling T. B. M.

Phalæna-Ti. Pomonella, *Lin. S. Nat.* i. 538, 1758.
Carpocapsa Pomonella, *Step. H.* iv. 119, 1834. *Wood, I. E.* 145, t. 33, f. 974.

40, (396). OPADIA.

Opadia, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 182, 1845). *Id.* (*Mi.* 48).

1. OPADIA FUNEBRANA.* The Plum-tree T.

Grapholitha funebrana. *Treit. E. S. Sup.* x. 3, 116, 1835. *Dup, L. F, Sup.* iv. 193, t. 66. f. 8, 1842.
Carpocapsa nigricana, *Köllar, Land. Tr.* 232, 1840.

41, (397). ENDOPISA.

Endopisa, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 182, 1845). *Id.* (*Mi.* 48).

1. ENDOPISA NIGRICANA. The Black Striped-edge T. B. M.

Pyralis nigricana, *Fab. E. S.* iii. *b*, 276, 1794.
Pseudotomia nigricana, *Step. H.* iv. 101, 1834. *Wood, I. E.* 139, t. 31, f. 925.
Grapholitha nebritana, *Treit. E. S.* viii. 209, 1830.

2. ENDOPISA PROXIMANA. Pale-brown Striped-edge T.

Tortrix proximana, *Haw. L. B.* 458, 1812, *et ejus Mus.*
Eudopisa Pisana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 182, 1845. *Id. Mi.* 48.

41, (398). EPHIPPIPHORA.

Ephippiphora, *Dup. L. F.* xi. 22, 1834.
Stigmonota, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 132, 1845). *Id.* (*Mi.* 48).

a. EPIBLEMA.

Epiblema, p., *Hüb. V.* 375, 1816.

1. EPHIPPIPHORA GERMARANA. The Germarian T.

Tortrix Germmana, *Hüb. To.* t. 8, f. 47, 1801.
Epiblema Germarana, *Hüb.* (*V.* 376, 1816).
Tortrix atropurpurana, *Haw. L. B.* 467, 1812.
Pseudotomia proximana, *Step. H.* iv. 101, 1834. *Wood, I. E.* 139, t. 31, f. 926.
Grapholitha Tenebrosana, *Dup.? L. F. Supp.* iv. 190, t. 66, f. 5, 1842.

2. EPHIPPIPHORA PUNCTICOSTANA. The Dotted Border T. B. M.

Pseudotomia puncticostana, *Step.* (*C.* ii. 175, 1829). *Id. H.* iv. 102, 1834. *Wood, I. E.* 139, t. 31, f. 927.
Stigmonota immaculana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii, 184, 1845. *Id. Mi.* 50.

b. PAMMENE.

Pammene, t., *Hüb. V.* 378, 1816.

3. EPHIPPIPHORA TRAUNIANA. The Traunian T. B. M.

Tortrix Trauniana, *Schiff.?* (*W. V.* 132, 1776).
Tortrix floricolana, *Fröl.? T. W.* 83, 1828. *Hüb. To.* t. 51, f. 325, 1835.
Pseudotomia notata, *West. & H. M.* ii. 126, t. 83, f. 20, 1834.

4. EPHIPPIPHORA REGIANA. The Yellow Blotch-backed T. B. M.

Grapholitha regiana, *Zell. Ent. Zeit.* ix. 279, 1849.
Tortrix Trauniana, *Haw. L. B.* 444, 1812.
Pseudotomia Trauniana, *Step. H.* iv. 103, 1834. *Wood, I. E.* 140, t. 31, f. 930.
Var. *a.* Tortrix Trauniana, *Hüb.? To.* t. 7, f. 38, 1801.

c. ASPILA.

Aspila, p., *Step. H.* iv. 104, 1834.

5. EPHIPPIPHORA NITIDANA. The Small Dark Silver-striped T. [B. M.

Pyralis nitidana, *Fab. E. S.* iii. *b*, 276, 1794.
Pseudotomia nitidana, *Step. H.* iv. 104, 1834. *Wood, I. E.* 140, t. 31, f. 935.
Stigmonota redimitana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 184, 1845. *Id. Mi.* 50.
Tortrix parvulana, *Fröl.? T. W.* 80, 1828.

6. EPHIPPIPHORA WEIRANA.* The Weirian T.

Grapholitha Weirana, *Doug. Zool.* viii. 2806, 1850. *Id. Tr. Ent. Soc.* 2. *Ser. Proc.* i. 8, 1850.

d. HEMIMENE.

Hemimene, p., *Hüb. V.* 378, 1816.
Euspila, *Step. H.* iv. 103, 1834.

7. EPHIPPIPHORA LATHYRANA? The Dull Blotch-back T.

Tortrix Lathyrana, *Hüb.? To.* t. 33, f. 207, 1810.
Pseudotomia Strobilella, *Wood, I. E.* 138, t. 31, f. 917.

8. EPHIPPIPHORA COMPOSITELLA. The Triple-striped Blotch-back [T. B. M.

Tinea compositella, *Fab. S. E.* 663, 1775.
Pseudotomia compositella, *Step. H.* iv. 103, t. 37, f. 2, 1834.
Tortrix composana, *Haw. L. B.* 447, 1812.

♀. Tortrix Gundiana, *Hüb. To.* t. 8, f. 42, 1801.
Pseudotomia Gundiana, *Step. H.* iv. 103, 1834. *Wood, I. E.* 140, t. 31, f. 932.
Var. *a.* Tortrix dorsana, *Haw. L. B.* 447, 1812.
Pseudotomia dorsana, *Step. H.* iv. 103, 1834. *Wood, I. E.* 140, t. 31, f. 933.

9. Ephippiphora internana. The Dark Crescent T.

Stigmonota internana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 183, 1845. *Id. Mi.* 49.

10. Ephippiphora perlepidana. The Beautiful Crescent T. B.M.

Tortrix perlepidana, *Haw. L. B.* 458, 1812.
Carpocapsa perlepidana, *Step. H.* iv. 122, 1834. *Wood, I. E.* 146, t. 33, f. 983.
Tortrix Schrankiana, *Fröl. T. W.* 86, 1828.
Ephippiphora dorsana, *Dup. L. F.* xi. 310, t. 151, f. 7, 1834.
Grapholitha? Loderana, *Köllar, B. Oe.* ii. 84, 1832.
♀? Ephippiphora Loderana, *Dup. L. F. Sup.* iv. 411, t. 83, f. 6, 1842.

d. Selania.

Selania, *Step. H.* iv. 121, 1834.

11. Ephippiphora Leplastriana. The Dover T.

Carpocapsa Leplastriana, *Cur. B. E.* viii. 2, t. 352, 1831. *Step. H.* iv. 121, 1834.
Ephippiphora Gueriniana, *Dup. L. Fr.* xi. 512, t. 263, f. 4, 1836.

12. Ephippiphora Heegerana? * The Heegerian T.

Ephippiphora Heegerana, *Dup.? L. F. Supp.* iv. 195, t. 66, f. 10, 1833.

13. Ephippiphora coniferana. The Small Crescent T.

Grapholitha coniferana, *Saxs.; Ratz. F. I.* ii. 217, t. 12, f. 1, 1840.

14. EPHIPPIPHORA FISSANA. The Dingy Crescent T.

Tortrix dorsana, *Hüb. To.* t. 7, f. 36, 1801.
Ephippiphora fissana, *Dup. L. F.* xi. 542, 1836.
Ephippiphora divisana, *Dup. L. F.* xi. t. 264, f. 7, 1836.

15. EPHIPPIPHORA DORSANA. The Scarce Crescent T.

Tortrix dorsana, *Fab. S. E.* 654, 1775.
Tortrix lunulana, *Schiff.* (*W. V.* 127, 1776).
Tortrix Jungiana, *Frol. T. W.* 84, 1828.
Ephippiphora Jungiana, *Dup. L. F.* xi. 544, t. 264, f. 8, 1836.
Pseudotomia concinnana, *Step.* (C. ii. 135, 1829).

42, (399). DICHRORAMPHA.

Dichrorampha, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 185, 1845). *Id.* (*Mi.* 51).
Hemimene, p., *Hüb. V.* 377, 1816.

1. DICHRORAMPHA PETIVERELLA. The Petiverian T. B. M.

Phalæna-Ti. Petiverella, *Lin. S. N.* i. 540, 1758.
Pseudotomia Petiverella, *Step. H.* iv. 100, 1834. *Wood, I. E.* 138, t. 31, f. 919.
Tortrix montana, *Hüb.*? *To.* t. 7, f. 37, 1801.
Var. *a.* Pseudotomia lumulana, *Wood, I. E.* 138, t. 31, f. 920.
Var. *b.* Pseudotomia sequana, *Wood, I. E.* 138, t. 31, f. 918.
Var. *c.* Carpocapsa Stelliferana, *Cur. B. E.* viii. fo. 352, 1831. *Step. H.* iv. 122, 1834.

2. DICHRORAMPHA SEQUANA. The Silver Blotch-back T. B. M.

Tortrix sequana, *Hüb. To.* t. 8, f. 44, 1831.
Pseudotomia sequana, *Step. H.* iv. 99, 1834. *West. & H. M.* ii. 123, t. 83, f. 6, 1844.
Tortrix Jacquiniana, *Schiff.*? (*W. V.* 132, 1776).

3. DICHRORAMPHA POLITANA. The Shining Blotch-back T. B. M.

Tortrix politana, *Schiff.* (*W. V.* 129, 1776).
Ephippiphora alpinana, *Dup. L. F.* xi. 322, t. 252, f. 2, 1836.
Pseudotomia simpliciana, *Wood, I. E.* 139, t. 31, f. 921.

4. DICHRORAMPHA ALPINANA. The Gold-fringed T.

Grapholitha alpinana, *Treit. E. S.* viii. 230, 1830.
Tortrix Jacquiniana, *Haw. L. B.* 444, 1812.
Pseudotomia Jacquiniana, *Step. H.* iv. 100, 1834. *Wood? I. E.* 139, t. 31, f. 922.
Grapholitha Questionis, *Zeller, MSS.*
Var. *a.* Tortrix strigana, *Haw. L. B.* 444, 1812.
Pseudotomia strigana, *Step. H.* iv. 101, 1834. *Wood, I. E.* 139, t. 31, f. 923.

5. DICHRORAMPHA SIMPLICIANA. The Plain Silver-fringed T. B.M.

Tortrix simpliciana, *Haw. L. B.* 444, 1812.
Pseudatomia simpliciana, *Step. H.* iv. 100, 1834.
Grapholitha caliginosana, *Treit. E. S. Sup.* x. 3, 119, 1835.
Pseudotomia atropurpurana, *Wood, I. E.* 139, t. 31, f. 924.
Tortrix Artemisiana, *Bentley, Zool.* ii. 774, 1844.
Pseudotomia obscurana, *West. & H. M.* ii. 125, t. 83, f. 14, 1844.
Tortrix caliginosana, *H.-Schæff. S. To.* t. 37, f. 263.

6. DICHRORAMPHA SENECTANA. The Dark Silver-fringed T.

Dichrorampha senectana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 185, 1845. *Id. Mi.* 50.

7. DICHRORAMPHA ACUMINATANA. The Sharp-winged T.

Grapholitha acuminatana, *Zell.*? *Isis*, 1847.
Grapholitha caliginosana, *Dup.*? *L. F. Sup.* iv. 155, t. 63, f. 4, a, 1842.
Dichrorampha caliginosana, *Doub.* (*L.* 26, 1850).

8. DICHRORAMPHA SATURNANA. The Dingy T.

Dichrorampha saturnana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 186, 1845. *Id. Mi.* 52.

9. DICHRORAMPHA PLUMBAGANA. The Leaden Fringed T.

Grapholitha plumbagana, *Treit. E. S.* viii. 218, 1830.
Ephippiphora Strobilana, *Dup. L. F.* xi. 284, t. 250, f. 4, 1835.

10. DICHRORAMPHA ULICANA. The Furze T. B. M.

Dichrorampha Ulicana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 185, 1845. *Id. Mi.* 50.
Grapholitha Zachana, *Treit. E. S.* viii. 217, 1830. *Dup. L. F.* xi. 282, t. 250, f. 3, 1835.

11. DICHRORAMPHA CONSORTANA.* The Dwarf T.

Dichrorampha consortana, *Step. MSS.*

43, (400). EUCELIS.

Eucelis, *Hüb. V.* 394, 1816.
Trycheris, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 190, 1845). *Id.* (*Mi.* 56).
Pammene, p., *Hüb. V.* 378, 1816.

1. EUCELIS AURANA. The Double Orange Spot T. B. M.

Pyralis aurana, *Fab. S. E.* 653, 1775.
Pseudotomia aurana, *Step. H.* iv. 105, 1834. *Wood, I. E.* 140, t. 31, f. 936.
Tortrix mediana, *Schiff.* (*W. V.* 128, 1776).
Tinea fulvella, *Fab.*? *E. S.* iii. b. 317, 1794.
Grapholitha aurantiana, *Köll. Beyt. & L. Oe.* ii. 84, 1829? *teste Treit. Sup.* x. 3, 256.

44, (401). HEMEROSIA.

Hemerosia, *Step. MSS.*
Pyrodes (Gen. Colcop. 1832), *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 187, 1845). *Id.* (*Mi.* 53).
Argyrotoza, p., *Step.* (*C.* ii. 190, 1829).

1. HEMEROSIA RHEEDIELLA. The Rheedian T. B. M.

Phalæna-Ti. Rheediella, *Clerck, Ic.* t. 12, f. 12, 1759.
Pyralis Daldorfiana, *Fab. M.* ii. 235, 1787.
Argyrotoza Daldorfiana, *Step. H.* iv. 175, 1834. *Wood, I. E.* 164, t. 37, f. 1119.
Phalæna dimidiana, *Don. B. I.* xi. 12, t. 364, f. 2, 1806.
Tortrix aurana, *Hüb. To.* t. 4, f. 22, 1801.

45, (402). GRAPHOLITA.

Grapholita, *Step.*
Grapholitha A., *Treit.* (*E. S.* vii. 232, 1829).
Semasia, p., *Step. olim: vide* (*Cat.* ii. 179, 1829).
Catoptria (Gen. Lepid. 1816), *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 187, 1845). *Id.* (*Mi.* 53).

1. GRAPHOLITA ALBERSANA. The Brown-cloaked T. B. M.

Tortrix Albersana, *Hüb. To.* t. 35, f. 224, 1812.
Tortrix Rhediana, *Haw. L. B.* 405, 1812.
Semasia Rhediella, *Step. H.* iv. 121, 1834. *Wood, I. E.* 146, t. 33, f. 979.

2. GRAPHOLITA ULICETANA. The Light Striped-edge T. B. M.

Tortrix Ulicetana, *Haw. L. B.* 458, 1812.
Grapholitha succedana, *Treit. E. S.* viii. 211, 1830.
Semasia lanceolana, *Step. H.* iv. 121, 1834. *Wood, I. E.* 146, t. 33, f. 980.

3. GRAPHOLITA ASSECLANA. The Banded Striped-edged T.

Tortrix asseclana, *Hüb. To.* t. 30, f. 194, 1801.

4. GRAPHOLITA JULIANA. Bentley's Marble T. B. M.

Phoxopteris? Juliana, *Bent. MSS. teste Cur.* (*G.* 170, 1831).
Philaleea Juliana, *Cur. B. E.* xiii. t. 583, 1836.
Grapholitha nimbana, *Fisch.-v.-R. MSS.?* (non *Mi.*) *Mann. C.* 3, 1842? *H.-Schæff. S. To.* t. 37, f. 266, 1847?

5. GRAPHOLITA HYPERICANA. The Yellow Striped-edge T. B. M.

Tortrix Hypericana, *Hüb. To.* t. 4, f. 23, 1801.
Carpocapsa Hypericana, *Step.* (*C.* ii. 179, 1829).
Semasia Hypericana, *Step. H.* iv. 121, 1834. *Wood, I. E.* 146, t. 33, f. 981.
Tinea Petiverella, *Schiff.*? (*W. V.* 136, 1776).
Pyralis strigana, *Fab.*? *M.* ii. 238, 1787.

6. GRAPHOLITA WIMMERANA. The Wimmerian T. B. M.
Grapholitha Wimmerana, *Treit. E. S. Sup.* x. 3, 111, 1835.
Carpocapsa? maritimana, *Dale, MSS. teste Doub.* (*L.* 26, 1850).
Carpocapsa ———, *Doug. Ent.* 384, 1842.

7. GRAPHOLITA LACTEANA. The Cream Sealed T.
Grapholitha lacteana, *Treit.? E. S. Sup.* x. 3, 113, 1835.

8. GRAPHOLITA SCOPOLIANA. The Scopolian T. B. M.
Tortrix Scopoliana, *Haw. L. B.* 456, 1812.
Semasia Scopoliana, *Step.* (*C.* ii. 180, 1829).
Carpocapsa Scopoliana, *Step. H.* iv. 123, 1834. *Wood, I. E.* t. 33, f. 988?
Catoptria Carduana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 188, 1845. *Id. Mi.* 54.

9. GRAPHOLITA HOHENWARTHANA. The Fulvous Sealed T. B. M.
Tortrix Hohenwarthiana, *Schiff.* (*W. V.* 129, 1776).
Tortrix pupillana, *Haw.? L. B.* 455, 1812.
Semasia fulvana, *Step.* (*C.* ii. 180, 1829).
Carpocapsa fulvana, *Step. H.* iv. 123, 1834. *Wood, I. E.* 146, t. 33, f. 986.
Carpocapsa strigana, *Cur.*? (*G.* 170, 1831). *Id. B. E.* viii. fo. 352, 1831.
Var. *a.* Tortrix cana, *Haw. L. B.* 456, 1812.
Semasia cana, *Step.* (*C.* ii. 180, 1829).
Carpocapsa cana, *Step. H.* iv. 123, 1834. *Wood, I. E.* 147, t. 33, f. 987.

10. GRAPHOLITA ÆMULANA.* The Obscure Sealed T.
Semasia æmulana, *Schlag. teste H.-Schæff. S.* vi. 248, 1850?
Tortrix latiorana, *H.-Schæff. To.* t. 44, f. 312, 1849?

11. GRAPHOLITA CŒCIMACULANA. The False Sealed T.
Tortrix cœcimaculana, *Hüb. To.* t. 5, f. 27, 1801.
Grapholitha Kollariana, *Mann. Fisch.-v.-R. MSS. teste Guén. Mi.* 55.
Semasia? neglectana, *Bent. MSS. teste Doub.* (*L.* 26, 1850).

12. GRAPHOLITA EXPALLIDANA. The Red Sealed T. B. M.

Tortrix expallidana, *Haw. L. B.* 469, 1812.
Bactra expallidana, *Step. H.* iv. 125, 1834. *Wood, I. E.* 147, t. 33, f. 992.
Semasia rufana, *Step.* (*C.* ii. 180, 1829).
Carpocapsa rufana, *Step. H.* iv. 124, 1834. *Wood, I. E.* 147, t. 33, f. 989.
Catoptria Westwoodiana, *Guén. in litt. Doub.* (*L.* 26, 1850).

13. GRAPHOLITA PUPILLANA. The Wormwood T. B. M.

Phalæna-To. pupillana, *Lin. F.* ii. 349, No. 1340, 1761.
Semasia pupillana, *Step.* (*C.* ii. 179, 1829).
Carpocapsa pupillana, *Step. H.* iv. 122, t. 34, f. 2, 1834.
Tortrix Absinthiana, *Hüb. To.* t. 6, f. 34, 1801.

46, (403). THIODIA.

Thiodia, *Hüb. V.* 391, 1816.
Cochylis, *Treit. E. S.* vii. 233, 1830.
Catoptria, p., *Guén. Ann. E. S. Fr.* 2. *Ser.* iii. 187, 1845. *Id.* (*Mi.* 55).

1. THIODIA CITRANA. The Lemon T. B. M.

Tortrix citrana, *Hüb. To.* t. 29, f. 185, 1801.

Sub.-Fam. VI. SCIAPHILIDI.

Sciaphilidi, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 163, 1845. *Id. Mi.* 29.

47, (404). SPHALEROPTERA.

Sphaleroptera, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 167, 1845). *Id.* (*Mi.* 33).
Dolophora, *Hüb. ? V.* 387, 1816.

1. SPHALEROPTERA ICTERICANA. The Jaundiced Drab T. B. M.

♂. Tortrix ictericana, *Haw. L. B.* 469, 1812.
Cnephasia ictericana, *Step. H.* iv. 128, 1834. *Wood, I. E.* 148, t. 33, f. 998.
♀. Tortrix longana, *Haw. L. B.* 463, 1812.
Cnephasia longana, *Step. H.* iv. 127, 1834. *Wood, I. E.* 148, t. 33, f. 997.
Sphaleroptera capillana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 167, 1845.

48, (405). CNEPHASIA.

Cnephasia, *Cur. B. E.* iii. fo. 100, 1826.
Sciaphila (Gen. Coleopt. 1826), *Treit.* (*E. S.* vii. 233, 1829).
Eana, *Billb. Zett. F. L.* 984, 1840.

a. SYNDEMIS.

Syndemis, p., *Hüb. V.* 382, 1816.

1. CNEPHASIA DECOLORANA.* The Coast Gray T.

Cnephasia decolorana, *Step. MSS.*
Cnephasia conspersana, *Doug. Zool.* iv. 1267, f. 1, 1846.

2. CNEPHASIA PERTERANA.* The Dover Gray T.

Sciaphila perterana, *Guén. Doub.* (*L.* 24, 1850). (Pr. var. ?)

3. CNEPHASIA OBSOLETANA. The Obscure Gray T.

Cnephasia obsoletana, *Step.* (*C.* ii. 181, 1829). *Id. H.* iv. 129, 1834.
Cnephasia sinuana, *Wood, I. E.* 148, t. 33, f. 999.

4. CNEPHASIA PASSIVANA. The Meadow Gray T.

Tortrix pascivana (pascuana ?), *Hüb. To.* t. 16, f. 99, 1801.
Syndemis pascuana, *Hüb.* (*V.* 382, 1816).
Cnephasia passivana, *Doub.* (*L.* 24, 1850).

5. CNEPHASIA SUBJECTANA. The Gray Elm T. B. M.

Cnephasia subjectana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 165, 1845.
Tortrix Logiana, *Haw. L. B.* 464, 1812: (*vix Lin.*)
Cnephasia Logiana? *Step. H.* iv. 129, 1834. *Wood. I. E.* 148, t. 33, f. 1002.

6. CNEPHASIA VIRGAUREANA. The Lesser Gray Elm T. B. M.

Sciaphila Virgaureana, *Treit. E. S. Sup.* x. 3, 89, 1835.
Var. *a.* Tortrix interjectana, *Haw. L. B.* 464, 1812.
Cnephasia interjectana, *Step. H.* iv. 129, 1834. *Wood, I. E.* 148, t. 33, f. 1001.

7. CNEPHASIA ALTERNELLA. The Large Gray Elm T. B. M.

Tortrix alternella, *Schiff.* (*W. V.* 135, 1776).
Tortrix asinana, *Haw. L. B.* 464, 1812.
Cnephasia asinana, *Step. H.* iv. 128, 1834. *Wood, I. E.* 148, t. 33, f. 1000.
Sciaphila Chrysantheana, *Dup. L. F. Sup.* iv. 410, t. 83, f. 5, 1842.

8. CNEPHASIA PERPLEXANA. The Allied Gray T.

Cnephasia perplexana, *Step. MSS.*

9. CNEPHASIA SINUANA. The Waved Gray T.

Cnephasia sinuana, *Step. H.* iv. 128, 1834.
Cnephasia obsoletana, *Wood, I. E.* 148, t. 33, f. 1003, 1835.
Cnephasia cinerana, *Bent. MSS. West. & H. M.* ii. 143, 1844.
Sciaphila Stephensiana, *Doub.* (*L.* 24, 1850).

10. CNEPHASIA CRETACEANA.* The Chalk Gray T.

Cnephasia cretaceana, *Cur. A & M. Nat. Hist.* 2 *Ser.* v. 112, 1850.

11. Cnephasia octomaculana. The Eight-spotted T.

Cnephasia octomaculana, *Haw. MSS. Cur. A. & M. Nat. Hist.* 2 *Ser.* v. 112, 1850.
Tortrix Penziana, *Hüb. ? To.* t. 14, f. 85, 1801.
Cnephasia Penziana ? β, *Step. H.* iv. 127, 1834.

12. Cnephasia incanana. The Scotch Gray T.

Cnephasia incanana, *Step. MSS.*

13. Cnephasia Penziana. The Penzian T.

Phalæna-To. Penziana, *Thunb. I. S.* 43, t. 2, f. 1, 1791.
Cnephasia Penziana? *Step. H.* iv. 127, 1834. *Id. Zool.* viii. 2755, 1850.
Cnephasia bellana, *Cur. B. E.* iii. t. 100, 1827.
Sciaphila diurnana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 166, 1845. *Id. Mi.* 32.

14. Cnephasia hybridana. The Straight-barred Gray T. B. M.

Tortrix hybridana, *Hüb. To.* t. 38, f. 238, 1812.
Sciaphila albulana, *Treit.? E. S.* x. 3, 85, 1835.
♂. Tortrix rectifasciana, *Haw. L. B.* 465, 1812.
Cnephasia rectifasciana, *Step. H.* iv. 130, 1834. *Wood, I. E.* 148, t. 33, f. 1004.
♀. Cnephasia aurifasciana, *Step.* (*C.* ii. 181, 1829): (curvifasciana), *Step. H.* iv. 130, 1834. *Wood, I. E.* 149, t. 33, f. 1005.
Orthotænia aurofasciana, *Rem. Cons.* 172, 1832.

b. Eudemis.

Eudemis, p., *Hüb. V.* 382, 1816.

15. Cnephasia ? nubilana. The Smoky Gray T. B. M.

Tortrix nubilana, *Haw. L. B.* 467, 1812.
Cnephasia nubilana, *Step. H.* iv. 130, 1834. *Wood, I. E.* 149, t. 33, f. 1006.
Tortrix glareana, *Frol.? T. W.* 55, 1828.
♂. Tortrix perfuscana, *Haw. L. B.* 467, 1812.
Cnephasia perfuscana, *Step. H.* iv. 131, 1834. *Wood, I. E.* 149, t. 33, f. 1007.

49, (406). SYNDEMIS.

Syndemis, *Hüb. V.* 382, 1816.
Cnephasia††, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 165, 1845). *Id.* (*Mi.* 30).

1. Syndemis musculana. The Afternoon T. B. M.

Tortrix musculana, *Hüb. To.* t. 16, f. 98, 1801.
Tortrix trifasciana, *Haw. L. B.* 426, 1812.
Lozotænia trifasciana, *Step. II.* iv. 79, 1834. *Wood, I. E.* 132, t. 30, f. 870.

50, (407). PHTHEOCHROA.

Phtheochroa, *Step.* (*C.* ii. 191, 1829). *Id. II.* iv. 184, 1834.
Phteochroa, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 163, 1845).
Oporinia, p., *Hüb. V.* 387, 1816.

1. Phtheochroa rugosana. The Beautiful Rough-wing T. B.M.

Tortrix rugosana, *Hüb. To.* t. 14, f. 82, 1801.
Phtheochroa rugosana, *Step. II.* iv. 184, 1834.
Phalæna V-albana, *Don. B. I.* xi. 31, t. 371, f. 1, 1806.

51, (408). ARGYROTÆNIA.

Argyrotænia, *Step. MSS.*
Cnephasia, t., *Doub.* (*L.* 23, 1850).
Cnephasia†, *Guén.*? (*Ann. E. S. Fr.* 2 *Ser.* iii. 165, 1845). *Id.*? (*Mi.* 30).

1. Argyrotænia politana. The Red-barred Gray T. B. M.

Tortrix politana, *Haw. L. B.* 465, 1812.
Sericoris politana, *Step. II.* iv. 135, 1834.
Cnephasia lepidana, *Cur.* (*G.* 171, 1831).
Var. *a*. Tortrix pulchellana, *Haw. L. B.* 110, 1812.
Sericoris pulchellana, *Step. II.* iv. 135, 1834, *Wood, I. E.* 150, t. 34, f. 1019.
Var. *b*. Tortrix Mercuriana, *Hüb.*? *To.* t. 51, f. 322, 1835.

2. ARGYROTÆNIA COGNATANA.* The Cognate Gray T.
Argyrotænia cognatana, *Step. MSS.*

3. ARGYROTÆNIA FUSCOCILIANA. The Brown-fringed T.
Argyrotænia fuscociliana, *Step. MSS.*

52, (409). ERIOPSELA.

Eriopsela, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 163, 1845). *Id.* (*Mi.* 29).

1. ERIOPSELA FRACTIFASCIANA. The Broken-barred T.
Tortrix fractifasciana, *Haw. L. B.* 466, 1812.
Grapholitha Cuphana, *Tisch.* 1846. *Fisch.-v.-R. MSS.* (*non Mi.*)
Cnephasia Queketana, *Dale. Cur.* (*An. & M. N. H.* 2 *Ser.* v. 112, 1850).
Var. *a.* Eriopsela Caricana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 163, 1845. *Id. Mi.* 29.

2. ERIOPSELA QUADRANA. The Brindled T.
Tortrix quadrana, *Hüb. To.* t. 35, f. 223, 1812.
Var. *a.* Sciaphila? Hübneriana, *Lien. in litt. teste Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 163, 1845). *Id.* (*Mi.* 29).
Var.? *b.* Sericoris flexulana, *Dup. L. F.* xi. 575, t. 265, f. 8, 1836.

53, (410). CAPUA.

Capua, *Step. H.* iv. 171, 1834.
Teratodes, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 168, 1845). *Id.* (*Mi.* 34).

1. CAPUA OCHRACEANA. The Pale Clay T. B. M.
N. G. ochraceana, *Step.* (*C.* ii. 189, 1829).
Capua ochraceana, *Step. H.* iv. 172, 1834. *Wood, I. E.* 163, t. 36, f. 1113.
Sciaphila terreana, *Treit.*? *E. S. Sup.* x. 3, 88, 1835. *Dup.*? *L. F. Sup.* iv. 142, t. 62, f. 4, 1842.
Tortrix vulgana, *Frol.*? *T. W.* 63, 1828.

54, (411). CLEPSIS.

Clepsis, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 168, 1845). *Id.* (*Mi.* 34).

1. Clepsis rusticana. The Rustic T.

Tortrix rusticana, *Treit.*? *E. S.* viii. 95, 1830. *Dup.*? *L. F.* xi. 104, t. 240, f. 7, 1831. *Fisch.-v.-R. Mi.* t. 10, f. 2, *a*, *b*, 1834.

Sub-Fam. VII. APHELIDI.

Aphelidi, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 305, 1845). *Id.* (*Mi.* 67).

55, (412). ABLABIA.

Ablabia, *Hüb. V.* 383, 1816. *Step. II.* iv. 126, 1834.
Argyroptera, t., *Dup. Cat.* 310, 1844.
Aphelia††, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 305, 1845). *Id.* (*Mi.* 67).

1. Ablabia pratana. The Dotted Drab T. B. M.

Tortrix pratana, *Hüb. To.* t. 36, f. 227-28, 1812.
Tortrix quadripunctana, *Haw. L. B.* 468, 1812.
Ablabia quadripunctana, *Step. H.* iv. 126, 1834. *Wood, I. E.* 147, t. 33, f. 995.
Var. *a*. Cnephasia cantiana, *Cur. B. E.* iii. fo. 100, 1827.

56, (413). TORTRICODES.

Tortricodes, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 305, 1845). *Id.* (*Mi.* 67).
Oporinia (*non* Oporinia, *H. V.* 321), *Hüb. V.* 387, 1816.

1. Tortricodes hyemana. The Clouded Winter T. B. M.

Tortrix hyemana, *Hüb. To.* t. 42, f. 267, 1814.
Diurnea nubilea, *Haw. L. B.* 503, 1812.

Oporinia nubilea, *Step. H.* iv. 234, 1834. *Wood, I. E.* 184, t. 41, f. 1269.
♀. Tinea Tortricella, *Hüb. Ti.* t. 2, f. 11, 1801.
Oporinia Tortricella, *Step. H.* iv. 234, 1834.
Epigraphia alternella, *Dup.* (*C.* 333, 1846).
Var. *a.* Oporinia Tortricella, *Wood, I. E.* 184, t. 41, f. 1268, 1834.

Sub-Fam. VIII. SERICORIDI.

Sericoridi, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 156, 1845). *Id.* (*Mi.* 22).

57, (414). EUCHROMIA.

Euchromia, *Step.* (*C.* ii. 183, 1829). *Id. H.* iv. 143, 1834.
Stictea (Stictia, Genus Hymenop. 1807), *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 161, 1845). *Id.* (*Mi.* 27).

a. ARGYROPLOCE.

Argyroploce, *Hüb. V.* 379, 1816.

1. EUCHROMIA ARBUTELLA. The Mountain Strawberry T.

Phalæna-Ti. Arbutella, *Linn. S. Nat.* i. 538, 1758.
Tortrix Arbutana, *Hüb. To.* t. 31, f. 195, 1802.
Orthotænia ornatana, *Bentley*? *West. & H. M.* ii. 172, 1844.

b. EUCHROMIA.

Euchromia, *Step.* (*C. l. c.*)

2. EUCHROMIA FULVIPUNCTANA. The Tawny Dotted T.

Tortrix fulvipunctana, *Haw. L. B.* 400, 1812.
Euchromia fulvipunctana, *Step. H.* iv. 143, 1834. *Wood, I. E.* 153, t. 34, f. 1037.
Tortrix flammeana, *Fröl. T. W.* 72, 1828. *Hüb.*? *To.* t. 51, f. 321, 1830?
Orthotænia formosana, *Cur.* (*G.* 171, 1831). *Id. B. E.* viii. fo. 361, 1831.
Var. *a.* Coccyx Turionana, *Dup. L. F.* xi. t. 247, f. 4, 1834.

3. EUCHROMIA PURPURANA. The Purple T.

Tortrix purpurana, *Haw. L. B.* 400, 1812.
Euchromia purpurana, *Step. H.* iv. 143, 1834. *Wood, I. E.* 153, t. 34, f. 1036.
Coccyx? rosaceana, *Schlæger, teste Doub.* (*L.* 23, 1850).

58, (415). ORTHOTÆNIA.

Orthotænia, *Step.* (*C.* ii. 181, 1829). *Guén.* (*Mi.* 28, 1845).
Sericoris, p., *Step. H.* iv. 131, 1834.
Celypha, p., *Hüb. V.* 382, 1816.

1. ORTHOTÆNIA ERICETANA. The Heath T.

Euchromia Ericetana, *Bentley. West. & H. M.* ii. 150, t. 93, f. 3, 4, 1844.
Sericoris? Trifoliana, *Zell. in litt. teste Doub.* (*L.* 23, 1850).

2. ORTHOTÆNIA STRIANA. The Straight-barred T. B. M.

Tortrix striana, *Schiff.* (*W. V.* 129, 1776).
Sericoris striana, *Step. H.* iv. 132, 1834.
Tortrix rusticana, *Hüb. To.* t. 11, f. 66, 1801.
Tortrix fasciana, *Haw. L. B.* 460, 1812.
Orthotænia fasciana, *Step.* (*C.* ii. 181, 1829).
Phalæna bilituraua, *Don. B. I.* xi. 32, t. 371, f. 2, 1806.
Var. *a.* Tortrix fasciolana, *Haw. MSS.*
Orthotænia fasciolana, *Step. H.* iv. 132, 1834. *Wood, I. E.* 149, t. 34, f. 1010.

3. ORTHOTÆNIA ANTIQUANA. The Blotched Drab T.

Tortrix antiquana, *Hüb. To.* t. 34, f. 213-14, 1810.
Tortrix quadrimaculana, *Haw. L. B.* 468, 1812.
Orthotænia quadrimaculana, *Step. H.* iv. 131, 1834. *Wood, I. E.* 149, t. 34, f. 1008.

59, (416). NOTOCELIA.

Notocelia, *Hüb. V.* 379, 1816. *Step. H.* iv. 136, 1834.
Aspis, *Treit.* (*E. S.* vii. 231, 1829). *Id.* viii. 156, 1834.
Aspidia, *Dup. L. F.* xi. 20, 1834.

1. NOTOCELIA UDMANNIANA. The Udmannian T. B. M.

Phalæna-To. Udmanniana, *Lin. F.* ii. 347, No. 1332, 1761. *Don. B. I.* v. 33, t. 153, f. 2—4, 1796.
Notocelia Udmanniana, *Step. H.* iv. 138, 1834.
Phalæna Rubiana, *Scop. C.* 233, No. 585, 1764.
Tortrix Achatana, *Hüb. To.* t. 9, f. 49, 1801.

60, (417). SIDERIA.

Sideria, *Guén.* (*Ann. E. S. L. Fr.* 2 *Ser.* iii. 156, 1845). *Id.* (*Mi.* 22).
Aspis, p., *Cur.* (*G.* 168, 1831).
Spilonota, p., *Cur. B. E.* xii. fo. 551, 1835.
Eudemis, t., *Hüb. V.* 382, 1816.

1. SIDERIA ACHATANA. The Marbled Dog's-tooth T. B. M.

Tortrix Achatana, *Schiff.* (*W. V.* 131, 1776).
Tortrix marmorana, *Hüb. To.* t. 5, f. 25, 1801.
Sericoris marmorana, *Step. H.* iv. 137, 1834.
Spilonota marmorana, *Cur. B. E.* xii. t. 551, 1835.
Aspis similana, *Cur.* (*G.* 168, 1831).

61, (418). SERICORIS.

Sericoris, *Treit. E. S.* viii. 142, 1830. *Step. H.* iv. 131, 1834.
Orthotænia, p., *Step.* (*C.* ii. 181, 1829).

a. CELYPHA.

Celypha, *Hüb. V.* 382, 1816.

1. SERICORIS CONCHANA. The Silver-striped T. B. M.

Tortrix conchana, *Hüb. To.* t. 17, f. 106, 1801.
Phalæna rivulana, *Scop.*? *C.* 237, No. 600, 1764.
Pyralis rivellana, *Fab.*? *M.* ii. 237, 1787.
Tortrix undulana, *Schiff.*? (*W. V.* 131, 1776).
Sericoris undulana, *Step. H.* iv. 133, 1834. *Wood, I. E.* 150, t. 34, f. 1014.

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2. SERICORIS HERBANA. The Dark Silver-dotted T.

Sericoris herbana, *Guén. Ann. E. S. Fr.* 2 *Ser* iii. 157, 1845. *Id. Mi.* 23.

3. SERICORIS LACUNANA. The Silver-dotted T. B. M.

Tortrix lacunana, *Schiff.* (*W. V.* 131, 1776).
Tortrix micana, *Haw. L. B.* 460, 1812.
Sericoris micana, *Step. H.* iv. 134, 1834. *Wood, I. E.* 150, t. 34, f. 1016.
Var. *a.* Sericoris obsoletana, *Step.* (*C.* ii. 182, 1829). *Id. H.* iv. 133, 1834.

4. SERICORIS URTICANA. The Barred Nettle T. B. M.

Tortrix Urticana, *Hüb. To.* t. 11, f. 65, 1801.
Sericoris Urticana, *Step. H.* iv. 132, 1834. *Wood, I. E.* 149, t. 34, f. 1011.
Tortrix rivulana, *Schiff.* ? (*W. V.* 131, 1776).
Celypha æmulana, *Hüb.* (*V.* 382, 1816).

5. SERICORIS ALTERNANA. The Daleian T.

Orthotænia alternana, *Cur. B. E.* viii. f. 564, 1831.
Sericoris alternana, *Step. H.* iv. 133, 1824. *Wood,* ? *I. E.* 150, t. 34, f. 1013.
Sericoris Daleana, *Doub.* (*L.* 23, 1850).

b. PHIARIS.

Phiaris, *Hüb. V.* 380, 1816.

6. SERICORIS MICANA. The Silver Marbled T.

Tortrix micana, *Hüb. To.* t. 5, f. 28, 1801.
Tortrix Pinetana, *Haw. L. B.* 461, 1812.
Orthotænia Pinetana, *Step.* (*C.* ii. 182, 1829).
Orthotænia Haworthana, *Step. H.* iv. 179, 1834. *Wood, I. E.* 165, t. 37, f. 1129.

7. SERICORIS BISTRIGANA. The Double Silver-striped T.

Sericoris bistrigana, *Step.* (*C.* ii. 182, 1829).
Argyrolepia bistrigana, *Step. H.* iv. 177, 1834. *Wood, I. E.* 164, t. 37, f. 1123.

c. EUDEMIS.

Eudemis, p., *Hüb. V.* 382, 1816.

8. SERICORIS FULIGANA. The Dark-barred Gray T.

Tortrix fuligana, *Haw. L. B.* 465, 1812.
Sericoris fuligana, *Step. H.* iv. 135, 1834. *Wood*? *I. E.* 151, t. 34, f. 1120.
Sericoris abscissana, *Guén. in litt.* (*Doub. L.* 23, 1850).

9. SERICORIS LATIFASCIANA. The Gold-barred T.

Tortrix latifasciana, *Haw. Ent. Tr.* i. 337, 1813.
Tortrix aurofasciana, *Haw.*? *L. B.* 468, 1812.
Sericoris aurofasciana, *Step. H.* iv. 136, t. 38, f. 3, 1834. *Wood, I. E.* 151, t. 34, f. 1022.
Sericoris Grapholitana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 156, 1845.
Var.? *a.* Tortrix venustana, *Hüb. To.* t. 51, f. 326, 1836.

10. SERICORIS DORMOYANA.* The Dormoyian T.

Grapholitha Dormoyana, *Dup. L. F.* xi. 297, t. 250, f. 10 1835.

11. SERICORIS EUPHORBIANA.* The Spurge T.

Sericoris? Euphorbiana, *Zell. teste Dup. L. F. Sup.* iv. 152, t. 62, f. 2. 1842.

12. SERICORIS BIFASCIANA. The Double-barred Orange T.

Tortrix bifasciana, *Haw. L. B.* 468, 1812.
Sericoris bifasciana, *Step. H.* iv. 136, 1834. *Wood, I. E.* 151, t. 34, f. 1023.
Sericoris? decrepitana, *Fisch.-v.-R. MSS.* ? (non *Mi.*). *Mann.* (*C.* 2, 1843).

13. SERICORIS LITORALIS. The Shore T.

Cnephasia litoralis, *Cur.* (*G.* 171, 1831).
Eupœcilia dubitana, *Wood, I. E.* 166, t. 37, f. 1138, 1835.
Orthotænia venustana, *Doug. Zool.* iv. 1268, f. 6, 1846.
Sericoris morbidana, *Guén. MSS. teste Doub.* (*L.* 23, 1850).

14. SERICORIS CESPITANA. The Clouded Rustic T.

Tortrix cespitana, *Hüb. To.* t. 39, f. 244—5, 1814.
Sericoris cespitana, *Step. H.* iv. 134, 1834.
Var. ? *a.* Orthotænia gramineana, *Cur. B. E.* viii. fo. 364, 1831.
Sericoris gramineana, *Step. H.* iv. 134, 1834. *Wood, I. E.* 150, t. 37, f. 1015.

62, (419). MIXODIA.

Mixodia, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 160, 1845). *Id.* (*Mi.* 26).
Evetria, p., *Hüb. V.* 378, 1816.

1. MIXODIA SCHULZIANA. The Schulzian T. B. M.

Pyralis Schulziana, *Fab. G. I. M.* 293, 1777.
Tortrix Pinetana, *Hüb. To.* t. 10, f. 57, 1801.
Phalæna Bentleyana, *Don. B. I.* x. 85, t. 357, f. 1, 1801.
Orthotænia Bentleyana, *Step. H.* iv. 179, 1834.
Sericoris Zinckenana, *Treit. E. S.* viii. 143, 1830.
Var. ? *a.* Tortrix Ahrensiana, *Hüb. To.* t. 53, f. 337, 1836.

2. MIXODIA PALUSTRANA. The Marsh Silver-striped T.

Sericoris palustrana, *Lienig. Isis*, 1846, p. 230.
Orthotænia cespitana, *Cur.* (*G.* 171, 1831).
Mixodia Juvenculana, *Guén. in litt. Doub.* (*L.* 23, 1850).

3. MIXODIA? TENERANA. The Ratzeburgian T. B. M.

Pædisca tenerana, *Dup. L. F.* xi. 568, t. 266, f. 4, 1836.
Pædisca Ratzeburgiana, *Saxse. Ratz. F. I.* ii. 227, t. 12, f. 3, 1840.
Orthotænia Pinetana, *West. & H. M.* ii. 172, t. 99, f. 10, 1844.
Mixodia errana, *Guén.* (*Ann. S. E. Fr.* 2 *Ser.* iii. 160, 1845).

63, (420). ROXANA.

Roxana, *Step. H.* iv. 118, 1834.
Melodes (Gen. Avium), *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 161, 1845). *Id.* (*Mi.* 27).
Eucosma, p., *Hüb. V.* 374, 1816.

1. ROXANA ARCUANA. The Arched T. B. M.

Phalæna arcuana, *Clerck, Ic.* i. t. 10, f. 8, 1759.
Roxana arcuana, *Step. H.* iv. 118, 1834. *Wood, I. E.* 145, t. 32, f. 973.
Phalæna Lambergiana, *Scop. C.* 534, No. 589, 1764.
Pyralis Edleriana, *Cram.*? *K.* t. 396, f. K. *teste Hüb. V. l. c.*

Sub-Fam. IX. COCHYLIDI.

Cochylidi, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 297, 1845). *Id.* (*Mi.* 59).

64, (421), LOBESIA.

Lobesia, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 297, 1845). *Id.* (*Mi.* 59).
Argyrotoza, p., *Step.* (*C.* ii. 190, 1829).
Syricoris, *Treit.* (*E. S.* vii. 230, 1829).

1. Lobesia reliquana. The Orange and Black T. B. M.

Asthenia reliquana, *Hüb.* (*V.* 381, 1816).
Tortrix permixtana, *Hüb. To.* t. 12, f. 75, 1801.
Argyrotoza permixtana, *Step.* (*C.* ii. 190, 1829).
Eupœcilia permixtana, *Step. H.* iv. 183, 1834. *Wood, I. E.* 166, t. 37, f. 1137.
♀. Cochylis Fischerana, *Treit.*? *E. S. Sup.* x. 3, 145, 1835.

65, (422). CERATA.

Cerata, *Step. MSS.*
Lobesia, p., *Guén.* (*Ann. S. E. Fr.* 2 *Ser* iii. 297, 1845). *Id.* (*Mi.* 59).

1. Cerata Servillana. The Servillian T. B. M.

Penthina Servillana, *Dup. L. F.* xi. 503, t. 262, f. 6, 1835.
Philaleea Paykulliana, *West. & H. M.* ii. t. 85, f. 22, 1844.

2. Cerata? simplana.* The Least Short-cloak T.

Cochylis? simplana, *Fisch.-v.-R. Mi.* 38, t. 22, f. 2, 1837.
Cochylis ambiguana, *Dup. L. F.* xi. 505, t. 362, f. 7, 1835.

66, (423). CHROSIS.

Chrosis, *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 306, 1845). *Id.* (*Mi.* 62).
Phalonia, *Hüb. V.* 393, 18 6.

1. Chrosis tesserana. The Tessellated T. B. M.

Tortrix tesserana, *Schiff.* (*W. V.* 120, 1776).
Argyrolepia tesserana, *Step. H.* iv. 177, 1834. *Wood, I. E.* 161, t. 37, f. 1121.
Tortrix tesselana, *Hüb. To.* t. 23, f. 144, 1801.
Tinea alcella, —— *Naturf.* ix. 106, t. 2, 1783.
Pyralis Heiseana, *Fab. M.* ii. 231, 1787.
Tortrix Grœndaliana, *Thun. I. S.* 45, t. 2, f. 2, 1791.
Var. *a.* Argyrolepia decimana, *Step.* (*C.* ii. 190, 1829). *Id. H.* iv. 177, 1834. *Wood. I. E.* 164, t. 37, f. 1125.

2. CHROSIS AUDOUINANA.* The Audouinian T. B. M.

Argyrolepia Audouinana, *Dup. L. F.* xi. 569, t. 266, f. 5, 1836.
Argyrotoza apicalis, *West. P & H. M.* ii. 169, t. 98, f. 8, 1844.

67, (424). DAPSILIA.

Dapsilia, *Hüb. V.* 394, 1816.
Chrosis, p., *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 306, 1845). *Id.* (*Mi.* 62).

1. DAPSILIA RUTILANA. The Scarlet-barred Gold T. B. M.

Tortrix rutilana, *Hüb. To.* t. 39, f. 249, 1814.
Var. *a.* Tinea sanguinella, *Haw. L. B.* 572, 1829.

68, (425). ARGYROLEPIA.

Argyrolepia, *Step. Guén.* (*Mi.* 63).
Argyrolepia, p., *Step.* (*C.* ii. 176, 1829).

a. COMMOPHILA.

Commophila, *Hüb.* (*V.* 392, 1816).

1. ARGYROLEPIA ÆNEANA. The Silvery Broad-bar T. B. M.

Tortrix æneana, *Hüb. To.* t. 30, f. 188, 1801.
Argyrolepia æneana, *Step. H.* iv. 176, 1834. *Wood, I. E.* 164, t. 37, f. 1122.

2. ARGYROLEPIA SCHREBERSIANA.* The Schrebersian T.

Tortrix Schrebersiana, *Fröl. T. W.* 53, 1828. *Hüb. To.* t. 49, f. 306, 1833.
Tortrix Lediana, *Hüb. To.* t. 24, f. 151, 1801.

b. CHLIDONIA.

Chlidonia, *Hüb. V.* 393, 1816.

3. ARGYROLEPIA MUSSEHLIANA.* The Mussehlian T.

Cochylis Musseliana, *Treit. E. S. Sup.* x. 3, 141, 1835.

c. LOZOPERA.

Lozopera, p., *Step. H.* iv. 187, 1834.

4. ARGYROLEPIA BAUMANNIANA. The Baumannian T. B. M.

Tortrix Baumanniana, *Schiff.* (*W. V.* 126, 1776).
Lozopera Baumanniana, *Step. H.* iv. 190, 1834. *Wood, I. E.* 168, t. 38, f. 1154.
Phalæna Hartmanniana, *Clerck ? teste Guén. Mi.* 63.

5. ARGYROLEPIA BADIANA. The Burdock T. B. M.

Tortrix badiana, *Hüb. To.* t. 23, f. 147, 1801.
Lozopera badiana, *Step. H.* iv. 189, 1834. *Wood, I. E.* 168, t. 38, f. 1153.
Tortrix Smeathmanniana, *Haw. L. B.* 400, 1812.
N. G. Smeathmanniana, *Step.* (*C.* ii. 191, 1829).
Tortrix rubigana, *Treit. E. S.* viii. 117, 1830.

6. ARGYROLEPIA CNICANA. The Barred Thistle T.

Argyrolepia Cnicana, *Doub.* (*L.* 27, 1850).

7. ARGYROLEPIA? DUBRISANA. The Marbled Dover T. B. M.

Cochylis Dubrisana, *Cur. B. E.* xi. fo. 491, 1834.
Lozopera Dubrisana, *Step. H.* iv. 188, 1834. *Wood, I. E.* 167, t. 37, f. 1148.

Argyrolepia virginana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 301, 1845. *Id. Mi.* 63.
Var. *a.* Cochylis marmoratana, *Cur. B. E.* xi. fo. 491, 1834.
Lozopera marmoratana, *Step. H.* iv. 188, 1834. *Wood, I. E.* 167, t. 37, f. 1149.
Var. *b.* Eupœcilia luteolana, *Step.* (*C.* ii. 191, 1829). *Id. H.* iv. 184, 1834. *Wood, I. E.* 166, t. 37, f. 1140.

69, (426). EUPŒCILIA.

Eupœcilia, *Step.* (*C.* ii. 190, 1829). *Id. H.* iv. 181, 1834.

a. NOTOCELIA.

Notocelia, p., *Hüb. V.* 380, 1816.

1. EUPŒCILIA ATRICAPITANA. The Black-headed T.

Eupœcilia atricapitana, *Step. MSS.*

2. EUPŒCILIA DUBITANA. The Doubtful T.

Tortrix dubitana, *Hüb. To.* t. 183, f. 71, 1801.
Eupœcilia dubitana, *Step.* (*C.* ii. 191, 1829). *Id. H.* iv. 183, 1834.

b. ASTHENIA.

Asthenia, p., *Hüb. V.* 381, 1816.

3. EUPŒCILIA NANA. The Barred Dwarf T. B. M.

Tortrix nana, *Haw. L. B.* 439, 1812.
Eupœcilia nana, *Step. H.* iv. 182, 1834. *Wood, I. E.* 166, t. 37, f. 1135.
Eupœcilia carneana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 298, 1845.

c. Eupœcilia.

Eupœcilia, *Step.* (*C.* ii. 190, 1829).

4. Eupœcilia maculosana. The Small Black-spotted T. B. M.

Tortrix maculosana, *Haw. L. B.* 438, 1812.
Eupœcilia maculosana, *Step. H.* iv. 181, 1834. *Wood, I. E.* 165, t. 37, f. 1133.

5. Eupœcilia Sodaliana. The Sodalian T.

Tortrix Sodaliana, *Haw. L. B.* 436, 1812.
Eupœcilia Sodaliana, *Step. H.* iv. 183, 1834. *Wood, I. E.* 166, t. 37, f. 1139.

6. Eupœcilia Carduana? The Thistle T. B. M.

Cochylis? Carduana, *Zell.*? *Isis, teste Doub.* (*L.* 26, 1850).

7. Eupœcilia ambiguella. The Ambiguous T. B. M.

Tinea ambiguella. *Hüb. Ti.* t. 24, f. 153, 1801.
Telea ambiguella, *Step. H.* iv. 245, 1834. *Wood, I. E.* 187, t. 41, f. 1288.

8. Eupœcilia angustana. The Barred Marble T. B. M.

Tortrix angustana, *Hüb. To.*.t. 12, f. 74, 1801.
Eupœcilia angustana, *Step. H.* iv. 182, 1834. *Wood, I. E.* 166, t. 37, f. 1134.
Tortrix ambiguana, *Frröl.*? *T. W.* 53, 1828.
Phalæna fasciella, *Don. B. I.* xiii. 41, t. 452, 1808.
Asthenia variegana, *Hüb.* (*V.* 381, 1816).

9. Eupœcilia affinitana. The Allied Marble T.

Cochylis affinitana, *Doug. Zool.* iv. 1268, f. 7, 1846.

10. Eupœcilia Vectisana.* The Isle of Wight T.

Cochylis Vectisana, *West. & H. M.* ii. 176, t. 100, f. 15, 1844. (Pr. var.?)

11. Eupœcilia griseana. The Oblique-barred Gray T. B. M.

Tortrix griseana, *Haw. L. B.* 402, 1812.
Eupœcilia griseana, *Step. H.* iv. 186, 1834. *Wood, I. E.* 167, t. 37, f. 1145.
Var.? *a.* Eupœcilia udana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 299, 1845. *Id. Mi.* 61.

12. Eupœcilia notulana. The Clouded Oblique-barred T.

Cochylis? notulana, *Zell.? teste Doub.* (*L.* 27, 1850).
Var.? *a.* Eupœcilia cœnosana, *Step. MSS.* (Pr. var.?)

d. Cochylis.

Cochylis, *Treit.* (*E. S.* vii. 233, 1829).
Conchylis, *Sodoff. Bull. S. I. Mosc.* 20, 1837.

13. Eupœcilia rupicola. The Chalk-cliff T.

Cochylis Rupicola, *Cur. B. E.* x. t. 491, 1834, 3.
N. G. marginana, *Step.* (C. ii. 191, 1829).
Cochylis marginana, *Step. H.* iv. 187, 1834, 9.
Cochylis humidana, *Fisch.?-v.-R. MSS.?* (non *Mi.*)

14. Eupœcilia flaviciliana. The Yellow-fringed T.

Eupœcilia flaviciliana, *Doub.* (*L.* 27, 1850).

15. EUPŒCILIA ROSEANA. The Rosy T. B. M.

Tortrix roseana, *Haw. L. B.* 401, 1812.
Cochylis roseana, *Step. H.* iv. 185, t. 35, f. 1, 1834.
Tortrix rubellana, *Hüb.? To.* t. 46, f. 286—7, 1828.
Cochylis dipsaceana, *Mann.?* (*C.* 1843?)
Var. *a.* Cochylis subroseana, *Wood, I. E.* 167, t. 37, f. 1143.

16. EUPŒCILIA SUBROSEANA. The Dingy Rosy T.

Tortrix subroseana, *Haw. L. B.* 402, 1812.
Cochylis subroseana, *Step. H.* iv. 186, 1834.
Cochylis rubroseana, *Step.* (*C.* ii. 191, 1829).
Cochylis ruficiliana, *Wood, I. E.* 167, t. 37, f. 1144.

17. EUPŒCILIA RUFICILIANA. The Red Fringe T.

Tortrix ruficiliana, *Haw. L. B.* 402, 1812.
Cochylis ruficiliella, *Step. H.* iv. 186, 1834.
Tinea ciliella, *Hüb.? Ti.* t. 26, f. 180, 1801.
Tortrix rubellana, *Hüb. ? To.* t. 46, f. 288 (285), 1828.
Cochylis rubellana, *Zell. teste Doub.* (*L.* 27, 1850).

70, (427). ARGYRIDIA.

Argyridia, *Step. MSS.*
Cochylis, t., *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 303, 1845). *Id.* (*Mi.* 65).

1. ARGYRIDIA DIPOLTELLA. The Orange-barred Pearl T. B. M.

Tinea dipoltella, *Hüb. Ti.* t. 50, f. 345, 1834.
Tortrix margaritana, *Haw. L. B.* 401, 1812.
Argyrolepia margaritana, *Step. H.* iv. 176, 1834. *Wood, I. E.* 164, t. 37, f. 1121.
Var. *a.* Argyroptera Zebrana, *Dup. L. F.* xi. 454, t. 260, f. 3, 1835.

71, (428). LOZOPERA.

Lozopera, *Step.* (*C.* ii. 191, 1829). *Id. H.* iv. 187, 1834.
Cochylis, p., *Guén.* (*Ann. E. S. Fr.* 2 *Ser.* iii. 303, 1845). *Id.* (*Mi.* 65).
Aethes, *Billb. ? teste Zett. F. L.* 990, 1840.

1. LOZOPERA FRANCILLANA. The Francillonian T. B. M.

Pyralis Francillana, *Fab. E. S.* iii. *b*, 264, 1794.
Lozopera Francillana, *Step. H.* iv. 189, 1834. *Wood, I. E.* 168, t. 37, f. 1162.
Argyrolepia flagellana, *Dup. L. F.* xi. 441, t. 259, f. 6, 1835.

2. LOZOPERA DILUCIDANA. The Short-barred Yellow T. B. M.

Lozopera dilucidana, *Step. MSS.*
Lozopera Francillana, var., *Step. H.* iv. 189, 1834.
Tortrix flagellana, *H.-Schæff. S. To.* t. 14, f. 95.

3. LOZOPERA SMEATHMANNIANA. The Smeathmannian T. B. M.

Pyralis Smeathmanniana, *Fab. S. I.* ii. 278, 1781.
Lozopera Smeathmanniana. *Step. H.* iv. 189, 1834. *Wood, I. E.* 168, t. 37, f. 1151.
Tortrix Fabriciana, *Hüb. To.* t. 23, f. 149, 1801.
Lozopera Fabriciana, *Step.* (*C.* ii. 192, 1829).

4. LOZOPERA STRAMINEA. The Short-barred Straw T. B. M.

Tortrix straminea, *Haw. L. B.* 401, 1812.
Lozopera straminea, *Step. H.* iv. 188, 1834. *Wood, I. E.* 168, t. 37, f. 1150.
Cochylis Tischerana, *Treit. E. S.* viii. 275, 1830.
Cochylis sudana, *Dup. L. F.* xi. 571, t. 266, f. 7, 1836.

5. LOZOPERA ALTERNANA. The Littoral Straw T.

Lozopera alternana, *Step.* (*C.* ii. 191, 1829). *Id. H.* iv. 187, t. 35, f. 2, 1834.
Tortrix Stephensiana, *Blunt, MSS. Step.* (*C. l. c.*).
Cochylis gigantana, *Guén. MSS. Doub.* (*L.* 27, 1850).

72, (428), XANTHOSETIA.

Xanthosetia, *Step.* (*C.* ii. 192, 1829). *Id. H.* iv. 190, 1834.

a. EUXANTHIS.

Euxanthis, *Hüb. V.* 391, 1816.

1. XANTHOSETIA HAMANA. The Hook-marked Straw T. B. M.

Phalæna-To. hamana, *Lin. S. Nat.* i. 530, 1758.
Xanthosetia hamana, *Step. H.* iv. 191, 1834. *Wood, I. E.* 169, t. 38, f. 1157.
Pyralis Zœgana, var. *β.*, *Fab. S. E.* 648, 1775.
Var. *a.* Tortrix diversana, *Hüb. To.* t. 22, f. 139, 1801.
Xanthosetia diversana, *Step. H.* iv. 192, 1834. *Wood, I. E.* 169, t. 38, f. 1158.
Euxanthis trigonana, *Hüb.* (*V.* 391, 1816).

2. XANTHOSETIA ZŒGANA. The Zœgian T. B. M.

Phalæna-To. Zœgana, *Lin. S. Nat.* ii. 876, 1767.
Xanthosetia Zœgana, *Step. H.* iv. 191, 1834. *Wood, I. E.* 168, t. 38, f. 1155.
Phalæna hamana, *Clerck? Ic.* t. 4, f. 4, 1759.
Var. *a.* Tortrix ferrugana, *Haw. L. B.* 398, 1812.
Xanthosetia ferrugana, *Step. H.* iv. 191, 1834. *Wood, I. E.* 169, t. 38, f. 1156.

b. HYSTEROSIA.

Hysterosia, *Step. MSS.*

3. XANTHOSETIA? INOPIANA. The Plain Drab T.

Tortrix inopiana, *Haw. L. B.* 469, 1812.
Xanthosetia inopiana, *Step. H.* iv. 192, 1834. *Wood, I. E.* 169, t. 38, f. 1159.

REPUTED BRITISH TORTRICES.

Page 1.

Family I. TORTRICIDÆ.

Sub-Family II. TORTRICIDI.

Page 4.

Genus 4. LOZOTÆNIA.

Page 5.

a. PANDEMIS.

9a. LOZOTÆNIA CROCEANA.* The Large Saffron T. B. M.

Tortrix croceana, *Hüb. To.* t. 19, f. 120, 1801. *Haw. L. B.* 424, 1812.

Var. *a.* Tortrix ochreana, var., *Dup. L. F.* xi. 561, t. 265, f. 6, 1836.

(Lozotænia Modeeriana, *Cur. Ann. & M. N. H.* 2 *Ser.* v. 110, 1850).

(*Haw. L. B. l. c.* 1812!) S. France.

Page 7.

b. CACOECIA.

14a. LOZOTÆNIA SUBOCELLANA. The Eyelet T.

Lozotænia subocellana, *Step.* (*C.* ii. 170, 1829). *Id. H.* iv. 75, 1834. *Wood, I. E.* 131, t. 29, f. 859.

(*Step. C. l. c.* 1829!) N. America?

Page 8.

b, 2. Epagoge.

Epagoge, *Hüb. V.* 389, 1816.

15a. Lozotænia ochreana.* The Ochreous Oblique-bar T. B.M.

Tortrix ochreana, *Hüb. To.* t. 21, f. 134, 1801.
Lozotænia ochreana, *Step. H.* iv. 80, 1834.

(*Step. H. l. c.* 1834 !) Germany.

16a. Lozotænia gnomana.* The Dial T. B. M.

Phalæna-To. gnomana, *Lin. F. S.* ii. 348, No. 1377, 1761.
Tortrix gnomana, *Dup. L. F.* xi. 89, t. 239, f. 7, 1834.

(*Haw. Pr.* 32, 1802 !) Hungary, France.

16b. Lozotænia? trifasciana.* The Triple Oblique-barred T.

Pyralis trifasciana, *Fab. E. S.* iii. *b*, 248, 1794.

(*Haw. L. B.* 426, 1812 !) Italy.

16c. Lozotænia? biustulana. The Scorched T.

Lozotænia biustulana, *Step.* (*C.* ii. 171, 1829). *Id. H.* iv. 78, 1834. *Wood, I. E.* 132, t. 30, f. 867.

(*Step. C. l. c.* 1829 !) N. America ?

16d. Lozotænia? obliquana.* The Doubtful Oblique-bar T.

Pyralis obliquana, *Fab. S. I.* ii. 281, 1781. *Id. M.* ii. 229, 1787. *Id. E. S.* iii. *b*, 257, 1794.

(*Fab. l. c. Habitat in Anglia*, 1781—94 !) England ?

Page 11—12.

9. OXIGRAPHA.

c. NEPHODESMA.

Nephodesma, p., *Hüb. V.* 390, 1816.

5. OXIGRAPHA LEACHEANA.* The Leachian T. B. M.

Peronea Leacheana, *Cur.* (*G.* ii. 202, 1837). *West. & H. M.* ii. 162, t. 95, f. 15, 1844.

(*Cur. l. c.* 1837!) N. America.

Page 12—16.

10. PERONEA.

b. LOPAS.

2a. PERONEA DIVISANA.* The White Pinioned T.

Tortrix divisana, *Hüb. To.* t. 31, f. 198, 1802.

(*Step. H.* iv. 153, 1834!) S. France.

13a. PERONEA? BORANA.* The Doubtful Button T.

Pyralis borana, *Fab. E. S.* iii. *b*, 270, 1794.

(*Haw. L. B.* 415, 1812!) Sweden?

Page 19.

PARAMESIA.

2a. PARAMESIA MODEERIANA.* The Modeerian T.

Phalæna-To. Modeeriana, *Lin. F. S.* ii. 347, No. 1331, 1761.
Tortrix Modeeriana, *Zett. I. L.* 979, 1840.

(*Haw. L. B.* 423, 1812!) N. Europe.

2b. PARAMESIA PEREGRINANA.* The Peregrine T.

Lozotænia obliquana, *Bent. Zool.* iii. 1001, 1845. *West. & H. M.* ii. t. 80, f. 8, 1845.

(*Bent. l. c.* 1845!) N. America?

b. AMELIA.

Amelia, *Hüb. V.* 390, 1816.

3a. PARAMESIA? STEINERIANA.* The Steinerian T. B. M.

Tortrix Steineriana, *Schiff.* (*W. V.* 16, 1776). *Hüb. To.* t. 27, f. 170, 1801.

(*Haw. L. B.* 417, 1812!) S. Europe?

Page 23.

15. CROESIA.

a. LOZOTÆNIA.

Lozotænia, p., *Steph, H.* iv. 81, 1834.

1a. CROESIA? TRILEUCANA. The Triple Blotched T.

Tortrix? trileucana, *Gm.* (*Guén.?*). *Doub.* (*Zool.* v. 1729, 1847).

Lozotænia? Schreberiana? *Panz.? F. G.* vii. f. 19, 1792. *Step.* (*C.* ii. 172, 1829). *Id. H.* iv. 81, 1834. *Wood, I. E.* 133, t. 30, f. 875.

(*Step. C. l. c.* 1829!) N. America?

Page 30—31.

Sub-Fam. IV. SPILONOTIDI.

23. SPILONOTA.

a. HEDYA.

4a. SPILONOTA INCARNATANA.* The Rosy Short-cloak T. B. M.

Tortrix incarnatana, *Hüb. To.* t. 30, f. 191, 1801.

(*Haw. L. B.* 435. 1812!) Austria, &c.

Page 45.

Sub-Fam. V. GRAPHOLITHIDI.

31. PŒCILOCHROMA.

e. EPISAGMA.

Episagma, *Hüb. V.* 383, 1816.

11. PŒCILOCHROMA? SCHREBERIANA.* The Schreberian T.

Phalæna-To. Schreberiana, *Lin. F. S.* ii. 348, No. 1338, 1761.
Tortrix Schreberiana, *Hüb. To.* t. 8, f. 45, 1801.
Phalæna dimidiana, *Clerck? Ic. teste Guén.* (*Mi.* 41), 1845.
(*Step. C.* ii. 172, 1829!) Germany.

Page 45—46.

32. HALONOTA.

a. EPINOTIA.

1a. HALONOTA SIMILANA.* The Middle Double-blotched T. B. M.

Tortrix similana, *Schiff.* (*W. V.* 131, 1776).
Pyralis Strœmiana, *Fab.? E. S.* ii. 280, 1781.
Pædisca scutulana, *Dup. L. F.* xi. 351, t. 253, f. 6, 1835.
♀. Tortrix fluidana, *Schiff.* (*W. V.* 318, 1776).
Tortrix asseclana, *Hüb. To.* t. 4, f. 19, 1801.
(*Haw. L. B.* 462, 1812!) Germany, Austria.

5a. HALONOTA? RUSTICANA.* The Rustic Blotch-back T.

Pyralis rusticana, *Fab. E. S.* iii. *b*, 254, 1794.
(*Haw. L. B.* 442, 1812!) France.

Page 53.

38. RETINIA.

4a. RETINIA RESINELLA.* The Resin T.

Phalæna-Ti. Resinella, *Lin. S. N.* i. 539, 1758.
Coccyx Resinella, *Dup. L. F.* xi. 232, t. 247, f. 6, 1834.
(*Step. C.* ii. 181, 1829!) Germany.

Page 53—54.

39. CARPOCAPSA.

c. HEMIMENE.

4. CARPOCAPSA AMPLANA. The Full T. B. M.

Tortrix amplana, *Hüb. To.* t. 5, f. 24, 1801.
Spilonota amplana? *Cur.* (*G.* 168, 1831).
(*Cur. G. l. c.* 1831!) France.

Page 58.

42. DICHRORAMPHA.

2a. DICHRORAMPHA INQUINITANA.* The Large Gold-fringed T.

Tortrix inquinitana, *Hüb. To.* t. 8, f. 43, 1801.
Pseudotomia Jacquiniana, var., *Step.* (*C.* ii. 175, 1829).
(*Haw. L. B.* 444, 1812!) Austria.

Page 61.

45. GRAPHOLITA.

a. RHYACIONIA.

Rhyacionia, *Hüb. V.* 379, 1816.

1 a. GRAPHOLITA? HASTANA.*. The Hastian T.

Tortrix Hastana, *Hüb. To.* t. 29, f. 186, 1801.
Rhyacionia Hastana, *Step. H.* iv. 419, 1834. *Wood, I. E.* t. 37, f. 1132, 1834.

(*Wood, I. E. l. c.* 1834!)

b. CYDIA.

Cydia, *Hüb. V.* 375, 1816.

1 b. GRAPHOLITA ASPIDISCANA. The Bright Sealed T. B. M.

Tortrix aspidiscana, *Hüb. To.* t. 41, f. 256, 1814.
Carpocapsa aspidiscana, *Step. H.* iv. 120, 1834. *Wood,? I. E.* 146, t. 33 f. 978.
Var. *a.* Tortrix Zachana, *Hüb. To.* t. 38, f. 243, 1812.
Var.? *b.* Tortrix Monetulana, *Hüb. To.* t. 41, f. 257, 1814.
(*Cur. G.* 170, 1831!) France.

Page 63.

c. ANCYLIS.

Ancylis, *Hüb. V.* 376, 1816.

13a. GRAPHOLITA VAPPANA.* The Dubious T.

Tortrix Vappana, *Hüb. To.* t. 38, f. 241, 1812.
(*Cur. G.* 169, 1831!) S. Europe?

Sub-Fam. VI. SCIAPHILIDI.

Page 64—66.

48. CNEPHASIA.

a. SYNDEMIS.

Syndemis, p., *Hüb. V.* 382, 1816.

7a. CNEPHASIA WAHLBOMIANA.* The Wahlbomian T.

Phalæna-To. Wahlbomiana, *Lin. S. N.* i. 533, 1758.
Tortrix Wahlbomiana, *Hüb. To.* t. 32, f. 203, 1810.
(*Haw. L. B.* 431, 1812!) Europe.

14a. CNEPHASIA? FULIGANA.* The Dark-barred Gray T.

Tortrix fuligana, *Hüb. To.* t. 17, f. 109, 1801.
(*Haw. L. B.* 465, 1812!) Germany?

Page 67.

49. SYNDEMIS.

b. NEPHODESMA.

Nephodesma, p., *Hüb. V.* 390, 1816.

2. SYNDEMIS? ASINANA.* The Large Gray T.

Phalæna asinana, *Clerck, Ic.* t. 2, f. 4, 1759; *teste Guén. Mi.* 30, 1845.
Tortrix asinana, *Hüb. To.* t. 16, f. 101, 1801.
(*Haw. L. B.* 464, 1812!) England?

c. PHILEDONE.

Philedone, p., *Hüb. V.* 389, 1816.

3. SYNDEMIS? CINCTANA.* The Chalk-hill T.

Tortrix cinctana, *Schiff.* (*W. V.* 129, 1776).
Pyralis cretana, *Fab. P. E. S.* iii. *b*, 250, 1794.
Tortrix albidana, *Hüb. To.* t. 21, f. 132, 1801.
(*Haw. L. B.* 464, 1812!) Central France.

Page 70—71.

Sub-Fam. VIII. SERICORIDI.

58. ORTHOTÆNIA.

2a. ORTHOTÆNIA FASCIOLANA.* The Small Straight-barred T.

Tortrix fasciolana, *Hüb. To.* t. 41, f. 260, 1814.
Orthotænia fasciolana, *Step. H.* iv. 132, 1834.

(*Step. H. l. c.* 1834!) Germany.

Page 72.

61. SERICORIS.

a. CELYPHA?

5a. SERICORIS FLAVOFASCIANA.* The Yellow-barred T.

Rhyacionia flavofasciana, *West. & H. M.* ii. 173, t. 99, f. 16, 1844.

(*West. & H. M. l. c.* 1844!) N. America?

c. EUDEMIS.

12a. SERICORIS BIPUNCTANA.* The Double-spotted T. B. M.

Pyralis bipunctana, *Fab. E. S.* iii. *b*, 250, 1794.
Tortrix Charpentierana, *Hüb. To.* t. 45, f. 281, 1816.

(*Cur. G.* 171, 1831!) Austria, Italy.

15. SERICORIS? LEDIANA.* The Ledian T.

Phalæna-To. Lediana, *Lin. S. Nat.* i. 532, 1758.

(*Haw. L. B.* 459, 1812!) Sweden.

16. SERICORIS PENTHINANA.* The Cloaked Likeness T.

Sericoris penthinana, *Guén. Ann. E. S. Fr.* 2 *Ser.* iii. 159, 1845.

(*Guén. l. c.* 1845!) England?

Sub-Fam. IX. COCHYLIDI.

Page 77.

66. CHROSIS.

1 a. CHROSIS DECIMANA.* The Ten-spotted T.

Tortrix decimana, *Schiff.* (*W. V.* 300, 1776), *Hüb. To.* t. 23, f. 145, 1801.
Argyrolepia decimana, *Step. H.* iv. 177, 1834.

(*Step. C.* ii. 190, 1829!) Austria.

Page 83.

EUPŒCILIA.

e. EUDEMIS.

18. EUPŒCILIA? PUSTULANA.* The Dull-blotched T.

Tortrix pustulana, *Hüb. To.* t. 33, f. 208, 1812.
Zeiraphera pustulana, *Cur.* (*G.* 168, 1831).

(*Cur. G. l. c.* 1831!) S. Europe?

70 a. ARGYROPTERA.

Argyroptera, *Dup. L. F.* xi. 24, 1834.
Eugnosta, p., *Hüb. V.* 394, 1816.

1. ARGYROPTERA LATHONIANA.* The Lathonian T.

Tortrix Lathoniana, *Hüb. To.* t. 30, f. 189, 1801.
Argyrolepia Lathoniana, *Step.* (*C.* ii. 190, 1829). *Id. H.* iv. 176, 1834. *Wood, I. E.* 164, t. 37, f. 1120.

(*Haw. L. B.* 402, 1812!). Hungary.

ROYAL ASIATIC SOCIETY

APPENDIX.

Page 12.

OXIGRAPHA SCOTANA, *Guén. MSS.*

OXI. *Alis anticis albidis, atomis fuscis substrigulatis, lituraque media brunnea; posticis fuscis apicibus strigulis saturatioribus; ciliis albidis.* (Exp. Alar. 10 lin.)

Head, thorax, and anterior wings whitish, with a faint greenish tinge, the latter sprinkled with numerous fuscous dots, somewhat dispersed in irregular transverse interrupted streaks, and forming by their confluence in the costa five or six fuscous spots: on the disk is a short longitudinal brown stripe, and at the base of the cilia, towards the anterior edge of the wings, a few distinct brown dots: posterior wings fuscous, with some darker streaks towards the apex; fringe whitish.

Black Forest, Perthshire; Scotland.

Page 13—14.

PERONEA CRISTANA.

Var. *jj.* Peronea semistriana, *Desv. Zool.* iii. 843, 1845.
Var. *kk.* Peronea profundana, *Desv. Zool.* iii. 843, 1845.

Page 18.

PERONEA? CALEDONIANA, *Bentley, MSS.*

PER.? *Alis anticis subacutis, rufo-brunneis fusco subreticulatis, macula obliqua costali obscuriore, posticis fuscescentibus.* (Exp. Alar. 6 lin.)

Head, thorax, and anterior wings red-brown, the latter rather narrow and somewhat acute at the tip, obscurely reticulated with

fuscous, with an oblique dusky spot towards the middle of the costa, and a faint rounded one near the tip; fringe ochreous brown: posterior wings pale brownish; fringe brownish at the base, the tip ochreous.

Some examples have a distinct black dot near the inner margin, towards the base; and others have the oblique costal spot more distinct than usual.

Near Edinburgh.

Page 19.

PARAMESIA SHEPHERDANA, *Step. MSS.*

Tortrix gnomana, var. ϵ. *Haw.? L. B.* 418, 1812.

PAR. *Alis anticis scabris, subretusis rufo-ferrugineis reticulatis, nebulis tribus fuscescentibus costalibus, ciliis rufis; posticis albicantibus.* (Exp. Alar. 8—9 lin.)

Head, thorax, and anterior wings — which are somewhat retuse —deep red-brown; the latter reticulated with fuscous, especially towards the apex; on the costa are two indistinct brown clouds, and a third on the disk darker, and united by an obscure dash to the hinder costal one; the hinder margin with a distinct red-brown line; fringe glossy-red: posterior wings whitish, clouded and slightly reticulated with fuscous towards the tip; fringe reddish.

Near Shepherd's Bush, Middlesex.

Page 35.

LITHOGRAPHIA EXCRUCIANA, *Step. MSS.*

LITH. *Alis anticis rufo-testaceis, obsoletissime fusco strigatis; posticis fuscis basi pallescente.* (Exp. Alar. 7 lin.)

Closely allied to var. *a.* of the foregoing species, but with the anterior wings of a brighter red, and very obscurely streaked with oblique brown strigæ; the costa with a few whitish spots, divided by a dusky line, towards the apex: hinder wings dull brown, with the base pale; fringe tawny-brown.

It is possible that this unique male specimen may be only a singular var. of L. trimaculana. It was found in Devonshire, in June.

LITHOGRAPHIA GEMINANA, *Step. MSS.*

LITH. *Alis anticis purpureo-brunneis nebulosis, fascia basi triangulari punctoque apice fuscis, costa strigis geminatis albidis.* (Exp. Alar. 7 lin.)

Front pale; thorax and anterior wings purplish-brown and shining; the latter with a large triangular fuscous patch at the base, and an oblique indeterminate streak of the same passing from about the middle of the costa nearly to the anal angle; the apical portion of the costa itself with eight pale silvery-white streaks, placed obliquely, and each divided by indistinct brown lines, the tip of the wing fuscous; cilia brown, with darker clouds: posterior wings fuscous, with brown fringes.

Whittlesea Mere and Yorkshire.

Page 36.

PHILÆODES TETRAQUETRANA.

Grapholitha recondana, *Becker, in B. M. coll. exot.*

Page 40.

BACTRA NIGROVITTANA, *Step. MSS.*

BAC. *Alis anticis luteo-albidis, plaga longitudinali nigra, in qua vitta angulata atra.* (Exp. Alar. 7—7½ lin.)

Probably a local variety of B. lanceolana: head, thorax, and anterior wings of a pale luteous-white, the latter with a broad, irregularly defined, longitudinal black streak, extending from the base to the apex, having a darker angulated patch in the middle on the disk, and a spot of similar hue between it and the base; towards the apex of the wings are a few indistinct yellowish oblique streaks; fringe ochreous: posterior wings fuscous; fringe pale.

Scotland.

2 a. BACTRA DIBELIANA. The Dark Drab T.

Tortrix dibeliana, *Hüb. To.* t. 43, f. 272, 1816.

Page 45.

PŒCILOCHROMA STABILANA, *Step. MSS.*

This supposed species, which occurred during the past summer, in considerable plenty, with scarcely any variation, at Whittlesea Mere, appears upon a maturer examination, to be too closely allied to some of the numerous varieties of P. Brunnichana, especially to var. *e*, to be considered as a distinct species, the name must therefore be expunged from our lists. The Tortrices are peculiarly disposed to vary, and in no genus more so than in the present, hence the supposition that the so-called stabilana was distinct from the general uniformity of the specimens; but instances do occur, where, from some unknown cause, an insect varies less in one locality than another.

Page 52.

PAMPLUSIA ALTICOLANA, *Step. MSS.*

PAMP. *Alis anticis castaneo-brunneis, strigis argenteis, marginibus internis et posticis nigro variegatis.* (Exp. Alar. 7½ lin.)

Front pale reddish; crown, thorax, and anterior wings deep shining chestnut brown; the latter with three silvery streaks, placed obliquely, the first about the middle of the costa, the other two equidistant from each other and the tip of the wing; on the costa itself are a few snowy-white spots, and some blackish streaks at the tip; the inner margin of the wing and a portion of the disk towards the hinder margin clouded with black; fringe deep brown, with the apical portion paler: hinder wings deep fuscous; fringe reddish brown, slightly clouded.

Scotland.

Page 60.

DICHRORAMPHA CONSORTANA, *Step. MSS.*

DICH. *Alis anticis subpurpureo-fuscis, strigis interruptis atris, costa albo nigroque punctata.* (Exp. Alar. 5 lin.)

Head, thorax, and anterior wings fuscous, with a slight purplish tinge, the latter with numerous transverse deep black streaks dis-

posed irregularly, but forming two or three prominent angles pointing towards the apex of the wing, the hinder margin with about eight black dots; and the costa with alternate black and white spots, from the former of which some of the transverse streaks originate; on the disk are a few white scales, and on the inner margin an indistinct triangular patch of the same, traversed with two brown streaks; fringe leaden brown: posterior wings fuscous, fringe pale fuscous, with a darker line.

Near London.

Page 65.

CNEPHASIA PERPLEXANA, *Step. MSS.*

CNEP. *Alis anticis albido-cinereis, macula basali unangulata, fascia obliqua, nebulisque duabus posticis, fuscis; posticis luteo-cinereis.* (Exp. Alar. 8 lin.)

Head and thorax yellowish ash-colour; anterior wings dull whitish ash, thickly sprinkled with brownish scales, with a large angulated brown fascia at the base, not extending to the inner margin; a broad, nearly straight one from the middle of the costa to the anal angle, a rounded spot on the costa between the fascia and the tip, and a border on the hinder margin; fringe ashy, with brown scales: posterior wings luteous ash; fringe ochreous: anal tuft lutescent.

Near London; distinguished by its pale under wings.

Page 66.

CNEPHASIA INCANANA, *Step. MSS.*

CNEP. *Alis anticis cinereo-albidis, fascia basali rotundata, secunda obliqua media, margineque postico nigro-fuscis.* (Exp. Alar. 7—8 lin.)

Head hoary; thorax and anterior wings pale ashy-white, or hoary, with a few dusky scales; near the base is a distinct deep fuscous bar, rounded externally, and not reaching to the inner margin; on the costa towards the middle is a similarly coloured bar, extending across the wing, but not to the anal angle, this bar is well-defined

and bi-angulated on the basal edge, but on the hinder one it is gradually shaded off to the ground colour; the hinder margin is also fuscous, with a curved black transverse streak, reaching from the costa to nearly the anal angle; fringe ashy: posterior wings and fringe pale fuscous.

Scotland; Perthshire.

Page 68.

ARGYROTÆNIA COGNATANA, *Step. MSS.*

ARG. *Alis anticis argenteo-cinereis, macula angulata basali nebulisque brunneis, posticis fuscis.* (Exp. Alar. 7 lin.)

Head and thorax red-brown; anterior wings silvery-ash, with an angulated red-brown fascia at the base, some large spots of the same, forming an interrupted, oblique band from the costal to the anal angle, and some smaller spots of the same on the hinder margin; fringe red-brown: posterior wings fuscous, the apex darkest; fringe ochreous-brown.

In the specimen described, the only one I have seen, the anterior wings appear to be narrowed, from the insect having been killed too soon after exclusion from the pupa.—*J. F. S.*

Scotland.

ARGYROTÆNIA FUSCOCILIANA, *Step. MSS.*

ARG. *Alis anticis brunneis fasciis duabus, maculisque apicibus argenteo-albis, ciliis nigro-fuscis.* (Exp. Alar. 7 lin.)

Head and thorax fuscous: anterior wings deep dusky-brown, with an oblique irregular silvery-white band towards the base, and another placed slantingly to the inner marginal spot of the anal angle (in A. politana it tends to the hinder margin), both these bands are divided throughout their length, by a waved brown line, the apical portion of the wing is spotted with silvery-white; fringe entirely deep blackish-brown: posterior wings fuscous; fringe paler.

Near London.

Page 80.

EUPŒCILIA ATRICAPITANA, *Step. MSS.*

EUP. *Alis anticis albis, basi, fascia obscura media apiceque fusco-nigris; capite palpisque nigris.* (Exp. Alar. 6 lin.)

Head and palpi black; anterior wings dirty-white, clouded with dusky, the base and apex black, and an obscure irregular fascia of the same in the middle; costa with some black dots; fringe dusky: posterior wings fuscous, with paler fringe.

Near Bristol.

SYNOPSIS OF SPECIES.

* *Indicates doubtful natives:* (—) *doubtful species.*

Hylophila
- prasinana
- Quercana

Earias
- clorana

Tortrix
- viridana
- palleana
- icterana
- Viburnana

Lozotænia
- Forsterana
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,,	17.	,, EUCH. ARBUTELLA, *read* ARGYROPLOCE ARBUTELLA.
,,	23.	,, EUCH. FULVIPUNCTANA, *read* ARGYROPLOCE FULVIPUNCTANA.
71.	2.	,, EUCH. PURPURANA, *read* ARGYROPLOCE PURPURANA.

E. Newman, Printer, 9. Devonshire Street, Bishopsgate, London.

LIST

OF THE SPECIMENS OF

BRITISH ANIMALS

IN

THE COLLECTION

OF THE

BRITISH MUSEUM.

PART XI.

ANOPLURA, OR PARASITIC INSECTS.

LONDON:
PRINTED BY ORDER OF THE TRUSTEES.
1852.

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INTRODUCTION.

THE principal object of the present Catalogue has been to give a complete list of all the *Anoplura*, or Parasitic Insects, that have been recorded as found in Great Britain and Ireland, indicating those species which are contained in the Collection, and those which are wanting in it.

The arrangement followed is that used in Mr. Denny's 'Anoplura Britannica,' 8vo, 1842.

The British Museum possesses the type specimens described and figured by that author, who has devoted so much of his attention to the study of these animals.

JOHN EDWARD GRAY.

British Museum,
1 *September* 1852.

LIST

OF

BRITISH ANOPLURA.

ANOPLURA.

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Rhophotera, *Clairville.*
Rhynchota, p., *Fabr.*; *Burm.*
Arachnides Acaridiennes, *Lamarck.*
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1. Phthirius.

Phthirius, *Leach, Zool. Misc.* iii. 65; *Denny, Mon. Anopl. Brit.* 5.
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1. Phthirius inguinalis. B.M.

Phthirius inguinalis, *Leach, Zool. Misc.* iii. 65; *Edin. Enc.* ix. 77; *Enc. Brit. Suppl.* i. pl. 24; *Samou. Ent. Comp.* 142; *Burm. Handb. Ent.* ii. 329; *Burm. Gen. Ins.* t.—; *Steph. Cat.* ii. 329; *Denny, Mon. Anopl. Brit.* 9. pl. 26. f. 3.
Pediculus inguinalis, *Redi, Exper.* pl. 19; *Gervais, Aptères*, iii. 299.
Pediculus pubis, *Linn. Syst. Nat.* ii. 1017; *Faun. Suec.* 1940; *Fabr. Ent. Syst.* iv. 418; *Syst. Ant.* 341. 3; *Nitzsch, Germ. Mag.* iii. 305; *Guér. Icon. R. A.* pl. 2. f. 7; *Berkenh. Syn.* i. 170; *Stew.* ii. 297; *Albin, Spid.* pl. 49, left fig.
Pou du pubis, *Latr. Hist. nat. Crust. et Ins.* viii. 94; *Lam. An. s. Vert.* v. 50–53.
Le Morpion, *Geoffr. Hist. Ins.* ii. 597.
On Man.

2. Pediculus.

Pediculus, *Linn. Syst. Nat.*; *Leach*; *Latr.*; *Nitzsch*; *Denny, Mon. Anopl. Brit.* 5.

1. Pediculus capitis. B.M.

Pediculus humanus, var. 1, *Linn. Syst. Nat.* ii. 1016; *Faun. Suec.* 1939; *Fabr. Syst. Ant.* 340. 75; *Syst. Ent.* 804; *Spec. Ins.* 476; *Swamm. Bibl. Nat.* 29. t. 1. f. 2; *Müll. Prod.* 2180; *Faun. Frid.* 798; *Redi, Exp.* t. 18, *Oper.* t. 25; *Albin, Spid.* t. 42; *Bonon. Microg.* f. 56; *Baker, Micr.* t. 13. f. 4; *Schaeff. Elem.* t. 95; *Schrank, Beytr.* 112; *Sulz. Ins.* t. 22. f. 145; *Lederm. Micros.* 45. t. 21; *Berk. Syn.* i. 170; *Barbut, Gen. Ins.* pl. 18. f. 4; *Stew. Elem.* ii. 297; *Hooke, Micro.* p. 68. pl. 66.
Pediculus capitis, *Nitzsch, Germ. Mag.* iii. 305; *Degeer, Ins.* vii. 67. t. 1. f. 6; *Burm. Handb.* ii. p. 59; *Gen. Ins.* f. 1 ♂, 2 ♀; *Lam An. s. Vert.* v. 50; *Denny, Mon. Anopl. Brit.* p. 13. t. 26. f. 2; *Gervais, Aptères*, iii. 297.
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Le Pou ordinaire, *Geoffr. Hist. Ins.* ii. 597.
On Man.

2. Pediculus vestimenti. B.M.

Pediculus vestimenti, *Degeer, Mem. Ins.* vii. 67. t. 1. f. 7; *Nitzsch, Germ. Mag.* iii. 305; *Guér. Icon. R. A.* pl. 2. f. 5; *Burm. Handb.*

ii. 60; *Gen. Ins.* 2; *Denny, Mon. Anopl. Brit.* p. 16. pl. 26. f. 1; *Gervais, Aptères*, iii. 298.

Pediculus humanus, var. 2, *Linn. Syst. Nat.* ii. 1016; *Fabr. Syst. Ent.* iv. 417; *Syst. Antl.* 440. 75; *Latr. Gen. Crust. et Ins.* i. 168; *Leach, Zool. Misc.* iii. p. 66; *Edin. Enc.* ix. 77; *Samou. Ent. Comp.* 142; *Steph. Syst. Cat.* ii. 329.

On Man.

3. PEDICULUS tabescentium.

Pediculus tabescentium, *Burm. Handb.* ii. 60; *Gen. Ins.*; *Alt diss. de Pthir.* t. f. 4; *Goldf. Zool. Atl.* iii. 45. t. 213. f. 5; *Denny, Mon. Anopl. Brit.* 18; *Gervais, Aptères*, iii. 298.

On Man.

3. HÆMATOPINUS.

Hæmatopinus, *Leach, Zool. Misc.* iii.; *Denny, Anopl. Brit.* 5.
Pediculus, p., *Linn. Syst. Nat.*

1. HÆMATOPINUS acanthopus. B.M.

Pediculus acanthopus, *Burm. Gen. Ins.* t.— f. 2; *Gervais, Aptères*, iii. 302.

Hæmatopinus acanthopus, *Denny, Mon. Anopl. Brit.* 25. pl. 24. f. 3.

On Field Campagnol (*Arvicola arvalis*); on Dormouse.

2. HÆMATOPINUS spinulosus. B.M.

Pediculus spinulosus, *Burm. Gen. Ins.* sp. 8; *Gervais, Aptères*, iii. 303.

Hæmatopinus spinulosus, *Denny, Mon. Anopl. Brit.* p. 26. pl. 24. f. 5.

On Common Rat (*Mus decumanus*).

3. HÆMATOPINUS spiniger. B.M.

Pediculus spiniger, *Burm. Gen. Ins.* sp. 9. t.— f. 5; *Gervais, Aptères*, iii. 303.

Hæmatopinus spiniger, *Denny, Mon. Anopl. Brit.* p. 27. t. 24. f. 6.

On Water Campagnol.

4. HÆMATOPINUS lyriocephalus. B.M.

Pediculus lyriocephalus, *Burm. Gen. Ins.* sp. 11. f. 7; *Gervais, Aptères*, iii. 303.

Hæmatopinus lyriocephalus, *Denny, Mon. Anopl. Brit.* 27. t. 24. f. 4.

On Hare.

5. HÆMATOPINUS piliferus. B.M.

Pediculus piliferus, *Burm. Gen. Ins.* sp. 13; *Gervais, Aptères*, iii. 304.

Hæmatopinus piliferus, *Denny, Mon. Anopl. Brit.* p. 28. pl. 25. f. 4.
Pediculus Canis-familiaris, *Müll. Prodr.* 2182?; *Fabr. Faun. Græn.* 215?
On the Dog; on the Ferret (*Mustela furo*).

6. HÆMATOPINUS eurysternus. B.M.

Pediculus eurysternus, *Nitzsch, Germ. Mag.* iii. 305; *Burm. Gen. Ins.* sp. 14; *Gervais, Aptères*, iii. 304.
Hæmatopinus eurysternus, *Steph. Syst. Cat.* ii. 329; *Denny, Mon. Anopl. Brit.* 29. t. 25. f. 5.
On Oxen.

7. HÆMATOPINUS ventricosus. B.M.

Hæmatopinus ventricosus, *Denny, Mon. Anopl. Brit.* 30. pl. 25. f. 6.
Pediculus ventricosus, *Gervais, Aptères*, iii. 305.
On the Rabbit.

8. HÆMATOPINUS Vituli. B.M.

Pediculus Vituli, *Linn. Syst. Nat.* ii. 1018; *Faun. Suec.* 1947; *Fabr. Syst. Ent.* 805. 7; *Spec. Ins.* ii. 478; *Berkenh. Syn.* i. 170; *Stew. Elem.* ii. 279.
Hæmatopinus Vituli, *Steph. Syst. Cat.* ii. 329; *Denny, Mon. Anopl. Brit.* p. 31. pl. 25. f. 3.
Pediculus tenuirostris, *Burm. Gen. Ins.* sp. 17.
P. eurysternus var.?, *Gervais, Aptères*, iii. 304.
On Calf.

9. HÆMATOPINUS Asini. B.M.

Pediculus Asini, *Linn. Syst. Nat.* ii. 1018; *Fabr. Spec. Ins.* ii. 478; *Syst. Ent.* 806; *Redi, Exp.* t. 22. f. 1; *Opera*, t. 25; *Albin, Spid.* 76. t. 51 (cop.); *Gervais, Aptères*, iii. 305.
Hæmatopinus Asini, *Steph. Syst. Cat.* ii. 329; *Denny, Mon. Anopl. Brit.* 32. pl. 25. f. 1.
Pediculus macrocephalus, *Burm. Gen. Ins.* sp. 18?
On the Ass; occasionally on the Horse.

10. HÆMATOPINUS Suis. B.M.

Pediculus Suis, *Linn. Syst. Nat.* ii. p. 1017; *Panz. Faun. Ins. Germ.* 51. pl. 16; *Stew. Elem.* ii. 298; *Wood*, ii. 123. pl. 76; *Gervais, Aptères*, iii. 306.
Hæmatopinus Suis, *Leach, Zool. Misc.* iii. 65. pl. 146; *Edin. Enc.* ix. 77; *Enc. Brit. Suppl.* i. 24; *Samou. Ent. Comp.* 143; *Steph. Syst. Cat.* ii. 329; *Burm. Handb.* ii. 58; *Denny. Mon. Anopl. Brit.* 34. t. 25. f. 2.

Pediculus Urius, *Nitzsch, Germ. Mag.* iii. 305; *Burm. Gen. Ins.* sp. 19. f. 4, 9, 10, 13, 14.
On Swine.

11. HÆMATOPINUS sphærocephalus.

Hæmatopinus sphærocephalus, *Burm. Gen. Ins.*; *Denny, Mon. Anopl. Brit.* 36 (ref.); *Gervais, Aptères*, iii. 302.
Pediculus sphærocephalus, *Nitzsch, Germ. Mag.* iii. 305.
On Squirrel.

12. HÆMATOPINUS serratus.

Hæmatopinus serratus, *Burm. Gen. Ins.*; *Denny, Mon. Anopl. Brit.* 36 (ref.).
Pediculus serratus, *Gervais, Aptères*, iii. 302.
On Common Mouse.

13. HÆMATOPINUS affinis.

Hæmatopinus affinis, *Burm. Gen. Ins.*; *Denny, Mon. Anopl. Brit.* p. 36 (ref.).
Pediculus affinis, *Gervais, Aptères*, iii. 303.
On Field Mouse.

14. HÆMATOPINUS setosus.

Hæmatopinus setosus, *Burm. Gen. Ins.*; *Denny, Mon. Anopl. Brit.* 36 (ref.).
Pediculus phocæ, *Lucas, Guér. Mag. de Zool.* iv. 121; *Gervais, Aptères*, iii. 304.
On Harp-Seal.

15. HÆMATOPINUS crassicornis. B.M.

Hæmatopinus crassicornis, *Burm. Gen. Ins.* f. 11–22; *Denny, Mon. Anopl. Brit.* 36 (ref.).
Pediculus crassicornis, *Nitzsch, Germ. Mag.* iii. 305; *Redi, Exp.* t. 23, fig. sup.; *Gervais, Aptères*, iii. 305.
On Red Deer.

16. HÆMATOPINUS stenopsis.

Hæmatopinus stenopsis, *Burm. Gen. Ins.* f. 3; *Denny, Mon. Anopl. Brit.* 36.
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Nirmidæ, *Leach.*
Ornithomyziens, *Dumeril, Cons. Gen. Ins.* 235 (1823).
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Philopterus, *Nitzsch, Germ. Mag.* iii. 288.
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1. DOCOPHORUS.

Docophorus, *Nitzsch, Germ. Mag.* iii. 289; *Denny, Mon. Anopl. Brit.* 41.
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Pediculus, p., *Linn.*

1. DOCOPHORUS atratus. B.M.

Pulex corvi, *Redi, Exp.* pl. 16.
Louse of the Crow, *Albin, Spid.* pl. 48, upp. fig. (cop. *Redi*).
Pediculus corvi, *Linn. Syst. Nat.* ii. 1018; *Faun. Suec.* 1050; *Fabr. Syst. Ent.* 806. 13; *O. Fabr. Faun. Grœnl.* 217; *Müll. Prodr.* 2190; *Faun. Frid.* 806.
Philopterus (Docophorus) atratus, *Nitzsch, Germ. Mag.* iii. 290; *Gervais, Aptères*, iii. 331.
Docophorus atratus, *Burm. Handb. Ent.* ii. 424; *Steph. Syst. Cat.* ii. p. 330; *Denny, Mon. Anopl. Brit.* 63. pl. 4. f. 8.
On Rook; on Hooded Crow.

2. DOCOPHORUS ocellatus. B.M.

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Pediculus cornicis, *Fabr. Syst. Ent.* 807; *Syst. Antl.* 344.
Docophorus cornicis, *Leach, MSS. B.M.*
Philopterus (Docophorus) ocellatus, *Nitzsch, Germ. Mag.* iii. 290, *Gervais, Aptères*, iii. 331.
Docophorus ocellatus, *Burm. Handb. Ent.* ii. 424; *Steph. Syst Cat.* ii. 330; *Dehaan (Lyonet), Mém. du Mus.* xviii. 206 t. 13. f. 3; *Childr. App. to Back's Land Exp.* p. 537; *Denny, Mon. Anopl. Brit.* p. 65. pl. 3. f. 10.
On Carrion Crow; on Hooded Crow.

3. DOCOPHORUS semisignatus. B.M.

Docophorus semisignatus, *Denny, Mon. Anopl. Brit.* 66. pl. 1. f. 5; *Burm. Handb. Ent.* ii. 424.
Philopterus semi-signatus, *Gervais, Aptères*, iii. 334.
Docophorus coracis, *Leach, MSS. B.M.*
On Raven.

4. DOCOPHORUS Picæ. B.M.

Docophorus Picæ, *Denny, Mon. Anopl. Brit.* p. 67. pl. 1. f. 9.
Philopterus picæ, *Gervais, Aptères*, iii. 334.
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5. DOCOPHORUS guttatus. B.M.

Docophorus guttatus, *Burm. Handb. Ent.* ii. 425; *Denny, Mon. Anopl. Brit.* 67. pl. 3. f. 8.
Philopterus guttatus, *Gervais, Aptères*, iii. 334.
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On Jackdaw.

6. DOCOPHORUS crassipes. B.M.

Docophorus crassipes, *Burm. Handb. Ent.* ii. 425; *Denny, Mon. Anopl. Brit.* p. 68. pl. 3. f. 6.
Philopterus crassipes, *Gervais, Aptères*, iii. 335.
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7. DOCOPHORUS superciliosus.

Docophorus superciliosus, *Burm. Handb. Ent.* ii. 427; *Denny, Mon. Anopl. Brit.* 69. pl. 3. f. 9.
Philopterus superciliosus, *Gervais, Aptères*, iii. 335.
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8. DOCOPHORUS communis. B.M.

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Cat. ii. 330; *Children, App. to Back's Land Exp.* 586; *Denny, Mon. Anopl. Brit.* 70. pl. 5. f. 10.
On several of the Insessorial Birds; on Common Bunting; Crossbill; Bullfinch; Nuthatch; Green Grosbeak; Yellow Bunting; Sparrow; Lesser Whitethroat.

9. DOCOPHORUS variabilis. B.M.

Docophorus variabilis, *Denny, Mon. Anopl. Brit.* p. 71. pl. 3. f. 4.
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10. DOCOPHORUS Merguli.

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11. DOCOPHORUS fulvus. B.M.

Docophorus fulvus, *Burm. Handb. Ent.* ii. 425; *Denny, Mon. Anopl. Brit.* 73. pl. 2. f. 9.
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Nirmus Glandarii, *Leach, MSS. B.M.*
On Jay.

12. DOCOPHORUS Leontodon. B.M.

Pediculus Sturni, *Schrank, Beytr.* pl. 5. f. 11 (Larva).
Philopterus (Docophorus) Leontodon, *Nitzsch, Germ. Mag.* iii. 290.
Docophorus Leontodon, *Steph. Syst. Cat.* ii. 331; *Burm. Handb. Ent.* ii. 425; *Denny, Mon. Anopl. Brit.* 74. pl. 5. f. 3.
Philopterus Leontodon, *Gervais, Aptères*, iii. 332.
Docophorus Sturni, *Leach, MSS. B.M.*
On the Starling.

13. DOCOPHORUS Ostralegi. B.M.

Docophorus Ostralegi, *Denny, Mon. Anopl. Brit.* 74. pl. 5. f. 4.
Philopterus ostralegi, *Gervais, Aptères*, iii. 335.
Nirmus ostralegi, *Leach, MSS. B.M.*
On Oyster-catcher.

14. DOCOPHORUS Ralli.

Docophorus Ralli, *Denny, Mon. Anopl. Brit.* 75. pl. 5. f. 6.
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15. DOCOPHORUS Turdi. B.M.

Docophorus Turdi, *Denny, Mon. Anopl. Brit.* 76. pl. 4. f. 5.
On Song Thrush.

16. DOCOPHORUS Pastoris. B.M.

Docophorus Pastoris, *Denny, Mon. Anopl. Brit.* 77. pl. 4. f. 3.
Philopterus pastoris, *Gervais, Aptères,* iii. 335.
On Rose-coloured Pastor.

17. DOCOPHORUS celidoxus. B.M.

Docophorus celidoxus, *Burm. Handb. Ent.* ii. 426; *Denny, Mon. Anopl. Brit.* 77. pl. 4. f. 1.
Philopterus celidoxus, *Gervais, Aptères,* iii. 335.
On Razorbill; on the Puffin; on the Foolish Guillemot.

18. DOCOPHORUS auratus. B.M.

Philopterus (Docophorus) auratus, *Nitzsch, Germ. Mag.* iii. 290; *Gervais, Aptères,* iii. 333.
Docophorus auratus?, *Steph. Syst. Cat.* ii. 331; *Burm. Handb. Ent.* ii. 426; *Denny, Mon. Anopl. Brit.* 78. pl. 4. f. 5.
On Woodcock.

19. DOCOPHORUS Fringillæ. B.M.

Docophorus Fringillæ, *Denny, Mon. Anopl. Brit.* 79. pl. 3. f. 2.
Philopterus fringillæ, *Gervais, Aptères,* iii. 335.
On Mountain Sparrow.

20. DOCOPHORUS Colymbinus. B.M.

Docophorus Colymbinus, *Denny, Mon. Anopl. Brit.* 80. pl. 8. f. 8.
Philopterus colymbinus, *Gervais, Aptères,* iii. 336.
On Red-throated Diver; on Black-throated Diver; on Northern Diver.

21. DOCOPHORUS aquilinus. B.M.

Docophorus aquilinus, *Denny, Mon. Anopl. Brit.* 81. pl. 2. f. 7.
Philopterus aquilinus, *Gervais, Aptères,* iii. 336.
On Golden Eagle; on White-tailed Eagle; on Honey Buzzard.

22. DOCOPHORUS cephalus. B.M.

Docophorus cephalus, *Denny, Mon. Anopl. Brit.* p. 81. pl. 2. f. 8.
Philopterus cephalus, *Gervais, Aptères,* iii. 336.
On Arctic and Pomarine Skuas; on Common Sandpiper and Ringed Plover.

23. Docophorus pallescens. B.M.

Docophorus pallescens, *Denny, Mon. Anopl. Brit.* 82. pl. 1. f. 8.
Philopterus pallescens, *Gervais, Aptères*, iii. 336.
On Marsh Titmouse and on Great Titmouse.

24. Docophorus platygaster. B.M.

Docophorus platygaster, *Denny, Mon. Anopl. Brit.* 83. pl. 2. f. 5.
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On Foolish Guillemot; on Dotterel and Ringed Plover; on Long-legged Plover (*Dr. Leach*).

25. Docophorus fusiformis.

Docophorus fusiformis, *Denny, Mon. Anopl. Brit.* 84. pl. 1. f. 2.
Philopterus fusiformis, *Gervais, Aptères*, iii. 336.
On Little Stint.

26. Docophorus Canuti.

Docophorus Canuti, *Denny, Mon. Anopl. Brit.* p. 84. pl. 3. f. 5.
Philopterus Canuti, *Gervais, Aptères*, iii. 336.
On Knot.

27. Docophorus Cincli. B.M.

Docophorus Cincli, *Denny, Mon. Anopl. Brit.* 85. pl. 5. f. 8.
Philopterus cincli, *Gervais, Aptères*, iii. 336.
On the Water Ouzel.

28. Docophorus Limosæ. B.M.

Docophorus Limosæ, *Denny, Mon. Anopl. Brit.* 86. pl. 4. f. 2.
Philopterus limosæ, *Gervais, Aptères*, iii. 336.
On Bar-tailed Godwit; on Black-tailed Godwit.

29. Docophorus megacephalus. B.M.

Docophorus megacephalus, *Denny, Mon. Anopl. Brit.* 86. pl. 5. f. 5.
Philopterus melanocephalus, *Gervais, Aptères*, iii. 337.
On Black Guillemot.

30. Docophorus rostratus. B.M.

Docophorus rostratus, *Burm. Handb.* ii. 427; *Denny, Mon. Anopl. Brit.* 87. pl. 2. f. 4.
Philopterus rostratus, *Gervais, Aptères*, iii. 337.
Nirmus flammeæ, *Leach, MSS. B.M.*
On White Owl

31. Docophorus Pari. B.M.

Docophorus Pari, *Denny, Mon. Anopl. Brit.* 87. pl. 6. f. 6.
Philopterus pari, *Gervais, Aptères*, iii. 337.
Nirmus biarmici, *Leach, MSS. B.M.*
On Long-tailed Titmouse; on Cole Titmouse; on Blue Titmouse.

32. Docophorus humeralis. B.M.

Docophorus humeralis, *Denny, Mon. Anopl. Brit.* 88. pl. 5. f. 7.
Philopterus humeralis, *Gervais, Aptères*, iii. 337.
On Common Curlew; on Gannet; on Whimbrel; on Foolish Guillemot.

33. Docophorus Lari. B.M.

Pediculus Lari, *O. Fabr. Faun. Grœnl.* 219?
Docophorus Lari, *Denny, Mon. Anopl. Brit.* 89. pl. 5. f. 9.
Philopterus lari, *Gervais, Aptères*, iii. 337.
On Gulls.

34. Docophorus conicus.

Docophorus conicus, *Denny, Mon. Anopl. Brit.* 90. pl. 5. f. 2.
Philopterus conicus, *Gervais, Aptères*, iii. 337.
On Golden Plover.

35. Docophorus serrilimbus. B.M.

Docophorus serrilimbus, *Burm. Handb.* ii. 427; *Denny, Mon. Anopl. Brit.* 90. pl. 7. f. 9.
Philopterus serrilimbus, *Gervais, Aptères*, iii 337.
On Wryneck.

36. Docophorus Reguli. B.M.

Docophorus Reguli, *Denny, Mon. Anopl. Brit.* 91. pl. 6. f. 4.
Philopterus reguli, *Gervais, Aptères*, iii. 337.
On Golden-crested Wren.

37. Docophorus Upupæ. B.M

Docophorus Upupæ, *Denny, Mon. Anopl. Brit.* 92. pl. 8. f. 1.
Philopterus upupæ, *Gervais, Aptères*, iii. 338.
On Hoopoe.

38. Docophorus ceblebrachys. B.M.

Docophorus ceblebrachys, *Nitzsch. MSS.* iv. 197?; *Burm. in Denny*, l. c.; *Denny, Mon. Anopl. Brit.* 92. pl 1. f. 3.
Philopterus ceblebrachys, *Gervais, Aptères*, iii. 338. pl. 49. f. 8.
On Snowy Owl.

39. Docophorus Platyrhynchus.

Pediculus hæmatopus, *Scop. Ent. Carn.* 381.
Pediculus Strigis, *Fabr. Syst. Antl.* 343; *Syst. Ent.* 806; *O. Fabr. Faun. Grœnl.* 216; *Müll. Prodr.* 2189; *Zool. Dan.* 699. t. 30.
Philopterus (Docophorus) Platyrhynchus, *Nitzsch, Germ. Mag.* iii. 290; *Gervais, Aptères*, iii. 332.
Docophorus Platyrhynchus, *Steph. Syst. Cat.* ii. 331; *Children, App. to Back's Land Exp.* 536; *Denny, Mon. Anopl. Brit.* 94.
On Goshawk; on Owls?

40. Docophorus Cygni. B.M.

Pulex Cygni secundi generis, *Redi, Exp.* pl. 9, low fig.; *Albin, Spid.* 76. t. 48.
Docophorus icterodes, *Steph. Syst. Cat.* ii. 331?
Docophorus Cygni, *Denny, Mon. Anopl. Brit.* 95. pl. 1. f. 1.
Philopterus cygni, *Gervais, Aptères*, iii. 338.
On Bewick's Swan; on Bean Goose.

41. Docophorus testudinarius. B.M.

Nirmus testudinarius, *Children, App. to Back's Land Exp.* 538?
Docophorus testudinarius, *Denny, Mon. Anopl. Brit.* 96. t. 1. f. 6.
Philopterus testudinarius, *Gervais, Aptères*, iii. 338.
On Curlew.

42. Docophorus latifrons. B.M.

Pediculus cuculi, *Fabr. Syst. Ent.* 807.
Pediculus fasciatus, *Scop. Ent. Carn.* 383.
Philopterus (Docophorus) latifrons, *Nitzsch, Germ. Mag.* iii. 290; *Gervais, Aptères*, iii. 333.
Docophorus latifrons, *Steph. Syst. Cat.* ii. 331; *Denny, Mon. Anopl. Brit.* 97. pl. 1. f. 4.
On the Cuckoo; on the Wryneck.

43. Docophorus fuscicollis. B.M.

Docophorus fuscicollis, *Burm. Handb.* ii. 425; *Denny, Mon. Anopl. Brit.* 98. pl. 1. f. 7.
Philopterus fuscicollis, *Gervais, Aptères*, iii. 339.
On Cinereous Shrike; on Jay.

44. Docophorus chrysophthalmi. B.M.

Docophorus chrysophthalmi, *Denny, Mon. Anopl. Brit.* 99. pl. 3. f. 3.
Philopterus chrysophthalmi, *Gervais, Aptères*, iii. 339.
On Golden-eye Garrot.

45. Docophorus Plataleæ. B.M.

Docophorus Plataleæ, *Denny, Mon. Anopl. Brit.* 100. pl. 4. f. 9.

Philopterus platalcæ, *Gervais, Aptères*, iii. 339.
On White Spoonbill.

46. Docophorus Meropis. B.M.

Docophorus Meropis, *Denny, Mon. Anopl. Brit.* 101. pl. 4. f. 4.
Philopterus meropis, *Gervais, Aptères*, iii. 339.
On Bee-eater.

47. Docophorus cursor. B.M.

Docophorus cursor, *Burm. Handb.* ii. 426; *Denny, Mon. Anopl. Brit.* 101. pl. 2. f. 1.
Philopterus cursor, *Gervais, Aptères*, iii. 339.
Nirmus stridulæ, *Leach, MSS. B.M.*
Nirmus Brachyoti, *Leach, MSS. B.M.*
On Long-eared Owl; on Short-eared Owl.

48. Docophorus icterodes. B.M.

Philopterus (Docophorus) icterodes, *Nitzsch, Germ. Mag.* iii. 290; *Gervais, Aptères*, iii. 333.
Docophorus icterodes, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.* ii. 424; *Denny, Mon. Anopl. Brit.* 102. pl. 5. f. 11.
Ricinus, *Degeer, Mem.* vii. 72. t. 4. f. 14.
Pediculus dentatus, *Scop. Ent. Carn.* 383.
Nirmus Fuligulæ, *Leach, MSS. B.M.*
On Ducks; on the Smew; on the Goosander.

49. Docophorus Thalassidromæ. B.M.

Docophorus Thalassidromæ, *Denny, Mon. Anopl. Brit.* 103. pl. 2. f. 6.
Philopterus thalassidromæ, *Gervais, Aptères*, iii. 340.
On Stormy Petrel.

50. Docophorus passerinus. B.M.

Docophorus passerinus, *Denny, Mon. Anopl. Brit.* 104. t. 5. f. 12.
Philopterus passerinus, *Gervais, Aptères*, iii. 340.
On the Pied Wagtail; on the Yellow Wagtail; on the Sedge Warbler.

51. Docophorus tricolor. B.M.

Philopterus (Docophorus) tricolor, *Nitzsch, Germ. Mag.* iii. 290; *Gervais, Aptères*, iii. 334.
Docophorus tricolor, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.* ii. 424; *Denny, Mon. Anopl. Brit.* 105. pl. 6. f. 9.
On the Black Stork.

52. DOCOPHORUS incompletus. B.M.

Philopterus (D.) incompletus, *Nitzsch, Germ. Mag.* iii. 290; *Gervais, Aptères*, iii. 331.
Docophorus incompletus, *Denny, Mon. Anopl. Brit.* 105. pl. 6. f. 5.
On the White Stork.

53. DOCOPHORUS Merulæ. B.M.

Docophorus Merulæ, *Denny, Mon. Anopl. Brit.* 106. pl. 3. f. 1.
Philopterus merulæ, *Gervais, Aptères*, iii. 340.
On the Blackbird; on the Fieldfare; on the Ring Ouzel.

54. DOCOPHORUS modularis. B.M.

Docophorus modularis, *Denny, Mon. Anopl. Brit.* 107. pl. 3. f. 3.
Philopterus modularis, *Gervais, Aptères*, iii. 340.
On the Hedge Sparrow.

55. DOCOPHORUS Rubeculæ. B.M.

Docophorus Rubeculæ, *Denny, Mon. Anopl. Brit.* 108.
Philopterus rubeculæ, *Gervais, Aptères*, iii. 340.
Nirmus curlebitis, *Leach, MSS. B.M.* (*not* "N. Rubeculæ, *Leach.*")
On the Redbreast; on the Chaffinch; on the Snow Bunting.

56. DOCOPHORUS Platystomus. B.M.

Docophorus Platystomus, *Burm. Handb.* ii. 426; *Denny, Mon. Anopl. Brit.* 108. pl. 4. f. 7.
Philopterus platystomus, *Gervais, Aptères*, iii. 341.
On the Common Buzzard; on the Rough-legged Buzzard.

57. DOCOPHORUS Nisi. B.M.

Docophorus Nisi, *Denny, Mon. Anopl. Brit.* 109. pl. 3. f. 11.
Philopterus nisi, *Gervais, Aptères*, iii. 341.
Nirmus Nisi, *Leach, MSS. B.M.*
On the Sparrow-hawk.

58. DOCOPHORUS Bassanæ. B.M.

Pediculus Bassani, *Müller, Prodr.* 2193; *O. Fabr. Faun. Grænl.* 218
Docophorus Bassanæ, *Denny, Mon. Anopl. Brit.* 110. pl. 6. f. 3. pl. 7. f. 3.
Philopterus bassani, *Gervais, Aptères*, iii. 341.
On the Gannet; on the Cormorant; on the Common Tern.

59. DOCOPHORUS Alcedinis.

Docophorus Alcedinis, *Denny, Mon. Anopl. Brit.* 111. pl. 6. f. 1.
On the King-fisher.

60. DOCOPHORUS serratus.

Philopterus serratus, *Gervais, Aptères*, iii. 341. pl. 49. f. 3.
On the Jackdaw.

61. DOCOPHORUS triangulifer.

Philopterus triangulifer, *Gervais, Aptères*, iii. 342.
On the Golden Eagle.

2. NIRMUS.

Nirmus, *Nitzsch, Germ. Mag.* iii. 291; *Denny, Anopl. Brit.* 48.
Pediculus, p., *Linn.*

1. NIRMUS cameratus. B.M.

Philopterus (Nirmus) cameratus, *Nitzsch, Germ. Mag.* iii. 291; *Gervais, Aptères*, iii. 343.
Nirmus cameratus, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.* ii. 430; *Denny, Mon. Anopl. Brit.* 112. pl. 9. f. 9.
Pediculus Tetraonis, *Linn. Syst. Nat.* ii. 1020?
Pediculus Lagopodis, *Linn. Syst. Nat.* ii. 1020?
Pediculus Lagopi, *O. Fabr. Faun. Grœnl.* 220?; *Müll. Prodr.* 2200?
On the Red Grouse; on the Black Grouse; on the Ptarmigan.

2. NIRMUS discocephalus. B.M.

Philopterus (Nirmus) discocephalus, *Nitzsch, Germ. Mag.* iii. 291; *Gervais, Aptères*, iii. 342.
Nirmus discocephalus, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.* ii. 430; *Denny, Mon. Anopl. Brit.* 113. pl. 9. f. 10.
Pou du Milan brun?, *Lyonet, Mém. du Mus.* xviii. 268. pl. 12. f. 8, 9.
On the Cinereous Eagle.

3. NIRMUS turmalis. B.M.

Nirmus turmalis, *Nitzsch, MSS.*; *Denny, Mon. Anopl. Brit.* 114. t. 6. f. 10.
Philopterus turmalis, *Gervais, Aptères*, iii. 344.
On the Bustard.

4. NIRMUS Numidæ. B.M.

Nirmus Numidæ, *Denny, Mon. Anopl. Brit.* 115. pl. 10. f. 5.
Philopterus numidæ, *Gervais, Aptères*, iii. 344.
On the Pintado.

5. NIRMUS olivaceus. B.M.

Nirmus olivaceus, *Burm. Handb.* ii. 431?; *Denny, Mon. Anopl. Brit.* 115. pl. 11. f. 5.
Philopterus olivaceus, *Gervais, Aptères*, iii. 344.
On the Nutcracker.

6. NIRMUS gracilis. B.M.

Philopterus (Nirmus) gracilis, *Nitzsch, Germ. Mag.* iii. 291; *Gervais, Aptères*, iii. 344.
Nirmus gracilis, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.* ii. 429; *Denny, Mon. Anopl. Brit.* 116. pl. 11. f. 7.
On the House-martin.

7. NIRMUS uncinosus. B.M.

Philopterus (Nirmus) uncinosus, *Nitzsch, Germ. Mag.* iii. 291; *Gervais, Aptères*, iii. 343.
Nirmus uncinosus, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.* ii. 430; *Denny, Mon. Anopl. Brit.* 117. pl. 5. f. 1.
On the Hooded Crow.

8. NIRMUS marginalis. B.M.

Nirmus marginalis, *Burm. Handb.* ii. 431; *Denny, Mon. Anopl. Brit.* 118. pl. 8. f. 2.
Philopterus marginalis, *Gervais, Aptères*, iii. 345.
On the Fieldfare; on the Missel Thrush; on the Ring Ouzel.

9. NIRMUS fuscus. B.M.

Nirmus fuscus, *Nitzsch, MSS.*?; *Denny, Mon. Anopl. Brit.* 118. pl. 9. f. 8.
Nirmus discocephalus, *Lyonet, Mém. du Mus.* xviii. t. 12. f. 8?
Philopterus discocephalus, *Gervais, Aptères*, iii. 342.
Nirmus æruginosi, *Leach, MSS. B.M.*
On the Moor Harrier; on the Common Buzzard; on the Kite; on the Rough-legged Buzzard.

10. NIRMUS rufus. B.M.

Nirmus rufus, *Burm. Handb.* ii. 430?; *Denny, Mon. Anopl. Brit.* 119. pl. 11. f. 11.
Nirmus platyrhynchus, *Lyonet, Mém. du Mus.* xviii. t. 13. f. 4?
Philopterus rufus, *Gervais, Aptères*, iii. 345.
On the Kestril; on the Merlin; on the Sparrow-hawk.

11. NIRMUS Cuculi. B.M.

Nirmus Cuculi, *Denny, Mon. Anopl. Brit.* 120. pl. 10. f. 11.
Philopterus cuculi, *Gervais, Aptères*, iii. 345.
On the Cuckoo.

12. NIRMUS tessellatus. B.M.

Nirmus tessellatus, *Denny, Mon. Anopl. Brit.* 121. pl. 7. f. 2.
Philopterus tessellatus, *Gervais, Aptères*, iii. 345.
On the Bittern.

13. NIRMUS limbatus. B.M.

Nirmus limbatus, *Burm. Handb.* ii. 429?; *Denny, Mon. Anopl. Brit.* 122. pl. 9. f. 3.
Philopterus limbatus, *Gervais, Aptères*, iii. 345.
On the Crossbill.

14. NIRMUS subcuspidatus. B.M.

Nirmus subcuspidatus, *Burm. Handb.* ii. 430; *Denny, Mon. Anopl. Brit.* 122. pl. 11. f. 1.
Philopterus subcuspidatus, *Gervais, Aptères*, iii. 345.
On the Roller.

15. NIRMUS argulus. B.M.

Philopterus (Nirmus) argulus, *Nitzsch, Germ. Mag.* iii. 291.
Nirmus argulus, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.* ii. 430; *Denny, Mon. Anopl. Brit.* 123. pl. 8. f. 4.
Philopterus argula, *Gervais, Aptères*, iii. 342.
On the Rook; on the Raven.

16. NIRMUS viscivori. B.M.

Nirmus viscivori, *Denny, Mon. Anopl. Brit.* 124. pl. 7. f. 7.
Philopterus viscivori, *Gervais, Aptères*, iii. 345.
On the Missel Thrush.

17. NIRMUS Fulicæ. B.M.

Nirmus Fulicæ, *Denny, Mon. Anopl. Brit.* 125. pl. 9. f. 2.
Nirmus minutus, *Nitzsch?, Germ. Mag.* iii. 291.
Philopterus Fulicæ, *Gervais, Aptères*, iii. 345.
On the Coot.

18. NIRMUS decipiens. B.M.

Philopterus (Nirmus) decipiens, *Nitzsch, Germ. Mag.* iii. 291.
Nirmus decipiens, *Steph. Syst. Cat.* ii. 331; *Denny, Mon. Anopl. Brit.* 125. pl. 11. f. 2.
Pediculus Recurvirostræ, *Linn. Syst. Nat.* ii. 1019; *Faun. Suec.* 1956; *Fabr. Syst. Ent.* 808.
Philopterus decipiens, *Gervais, Aptères*, iii. 343.
On the Avocet.

19. NIRMUS Hæmatopi. B.M.

Nirmus Hæmatopi, *Denny, Mon. Anopl. Brit.* 126. pl. 10. f. 3.
Nirmus glaucus, *Steph. Syst. Cat.* ii. 332.
Pediculus Hæmatopi, *Linn. Syst. Nat.* ii. 1019?; *Faun. Suec.* 1957; *Fabr. Syst. Ent.* 809.
Philopterus hæmatopi, *Gervais, Aptères*, iii. 345.
On the Oyster-catcher.

20. NIRMUS sellatus. B.M.

Pediculus Sternæ, *Linn. Syst. Nat.* ii. 1019?; *Faun. Suec.* 1953?; *Fabr. Syst. Ent.* 808.
Ricinus Lari, *Degeer, Mem.* vii. 77. t. 4. f. 12?
Nirmus sellatus, *Burm. Handb.* ii. 428; *Denny, Mon. Anopl. Brit.* 127. pl. 7. f. 5.
Philopterus stellatus, *Gervais, Aptères*, iii. 346.
On Common Tern; on Kittiwake Gull; on Herring Gull; on Black-headed Gull.

21. NIRMUS Vanelli. B.M.

Nirmus Vanelli, *Denny, Mon. Anopl. Brit.* 128. pl. 7. f. 6.
Philopterus Vanelli, *Gervais, Aptères*, iii. 346.
On the Gray Plover; on the Turnstone.

22. NIRMUS Merulensis. B.M.

Nirmus Merulensis, *Denny, Mon. Anopl. Brit.* 128. pl. 7. f. 1.
Philopterus merulensis, *Gervais, Aptères*, iii. 346.
Nirmus Merulæ, *Leach, MSS. B.M.*
On the Blackbird.

23. NIRMUS Glandarii. B.M.

Nirmus Glandarii, *Denny, Mon. Anopl. Brit.* 129. pl. 8. f. 3.
Philopterus glandarii, *Gervais, Aptères*, iii. 346.
On the Jay.

24. NIRMUS cuspidatus.

Pediculus cuspidatus, *Scop. Ent. Carn.* 385?
Nirmus cuspidatus, *Denny, Mon. Anopl. Brit.* 130. pl. 6. f. 2.
Philopterus cuspidatus, *Gervais, Aptères*, iii. 346.
On the Water Rail; on the Common Water Gallinule.

25. NIRMUS Iliaci. B.M.

Nirmus Iliaci, *Denny, Mon. Anopl. Brit.* 130. pl. 9. f. 4.
Philopterus iliacus, *Gervais, Aptères*, iii. 346.
On the Redwing; on the Rose-coloured Pastor.

26. NIRMUS claviformis. B.M.

Nirmus claviformis, *Denny, Mon. Anopl. Brit.* 131. pl. 9. f. 7.
Philopterus claviformis, *Gervais, Aptères*, iii. 346.
On the Ringdove; on the Stockdove.

27. NIRMUS annulatus. B.M.

Nirmus annulatus, *Burm. Handb.* ii. 428?; *Denny, Mon. Anopl. Brit.* 132. pl. 8. f. 5.

Philopterus annulatus, *Gervais, Aptères*, iii. 347.
On the Common Thick-knee.

28. NIRMUS nebulosus. B.M.

Nirmus nebulosus, *Burm. Handb.* ii. 429; *Denny, Mon. Anopl. Brit.* 132. pl. 11. f. 13.
Philopterus nebulosus, *Gervais, Aptères*, iii. 347.
On the Starling.

29. NIRMUS Apiastri. B.M.

Nirmus Apiastri, *Denny, Mon. Anopl. Brit.* 133. pl. 10. f. 4.
Philopterus apiastri, *Gervais, Aptères*, iii. 347.
On the Bee-eater.

30. NIRMUS ochropi. B.M.

Nirmus ochropi, *Denny, Mon. Anopl. Brit.* 134. pl. 11. f. 12.
Philopterus ochropi, *Gervais, Aptères*, iii. 347.
On the Green Sandpiper.

31. NIRMUS attenuatus. B.M.

Philopterus (Nirmus) attenuatus, *Nitzsch, Germ. Mag.* iii. 291; *Gervais, Aptères*, iii. 343.
Nirmus attenuatus, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.* ii. 428; *Denny, Mon. Anopl. Brit.* 134. pl. 10. f. 2.
Pediculus Ortygometræ, *Schrank, En. Ins. Austr.* 503.
On the Corn Crake; on the Redshank.

32. NIRMUS strepsilaris. B.M.

Nirmus strepsilaris, *Denny, Mon. Anopl. Brit.* 135. pl. 11. f. 4.
Philopterus strepsilaris, *Gervais, Aptères*, iii. 347.
On the Turnstone.

33. NIRMUS Hiaticulæ. B.M.

Nirmus Hiaticulæ, *Denny, Mon. Anopl. Brit.* 136. pl. 11. f. 10; *Leach, MSS. B.M.*
Philopterus Hiaticulæ, *Gervais, Aptères*, iii. 347.
On the Ringed Plover.

34. NIRMUS fusco-marginatus. B.M.

Nirmus fusco-marginatus, *Denny, Mon. Anopl. Brit.* 136. pl. 10. f. 1.
Philopterus fusco-marginatus, *Gervais, Aptères*, iii. 347.
On the Eared Grebe.

35. Nirmus Rallinus.

Nirmus Rallinus, *Denny, Mon. Anopl. Brit.* 137. pl. 8. f. 7.
Philopterus Rallinus, *Gervais, Aptères*, iii. 347.
On the Water Rail.

36. Nirmus Alcæ. B.M.

Nirmus Alcæ, *Denny, Mon. Anopl. Brit.* 137. pl. 9. f. 1.
Philopterus Alcæ, *Gervais, Aptères*, iii. 347.
On the Razor-bill.

37. Nirmus Œdicnemi.

Nirmus Œdicnemi, *Denny, Mon. Anopl. Brit.* 138. pl. 7. f. 8.
Philopterus œdicnemi, *Gervais, Aptères*, iii. 347.
On the Thick-kneed Plover.

38. Nirmus stramineus. B.M.

Nirmus stramineus, *Denny, Mon. Anopl. Brit.* 139. pl. 8. f. 9.
Philopterus stramineus, *Gervais, Aptères*, iii. 348.
On the Great Spotted Woodpecker; on Green Woodpecker.

39. Nirmus Phalaropi. B.M.

Nirmus Phalaropi, *Denny, Mon. Anopl. Brit.* 139. pl. 8. f. 6; *Leach, MSS. B.M.*
Philopterus phalaropi, *Gervais, Aptères*, iii. 348.
On the Gray Phalarope.

40. Nirmus elongatus. B.M.

Nirmus elongatus, *Denny, Mon. Anopl. Brit.* 140. pl. 7. f. 4.
Philopterus elongatus, *Gervais, Aptères*, iii. 348.
On the House Martin.

41. Nirmus hypoleucus. B.M.

Nirmus hypoleucus, *Nitzsch, MSS.*; *Denny, Mon. Anopl. Brit.* 141. pl. 6. f. 8.
Philopterus hypoleucus, *Gervais, Aptères*, iii. 348.
On the Goatsucker.

42. Nirmus Podicepis. B.M.

Nirmus Podicepis, *Denny, Mon. Anopl. Brit.* 142. pl. 10. f. 9.
Pediculus Colymbinus, *Scop. Faun. Carn.* 384.
Philopterus podicepis, *Gervais, Aptères*, iii. 348.
On the Little Grebe; Great-crested Grebe; Red-necked Grebe

43. NIRMUS junceus. B.M.

Nirmus junceus, *Scop. Faun. Carn.* 384?; *Denny, Mon. Anopl. Brit.* 143. pl. 9. f. 5.
Philopterus junceus, *Gervais, Aptères,* iii. 348.
Nirmus Vanelli, *Leach, MSS. B.M.*
On the Lapwing; Greenshank; Wild Swan.

44. NIRMUS Numenii. B.M.

Nirmus Numenii, *Denny, Mon. Anopl. Brit.* 144. pl. 9. f. 6.
Philopterus numenii, *Gervais, Aptères,* iii. 348.
On the Curlew; Coot.

45. NIRMUS Phæopi. B.M.

Nirmus Phæopi, *Denny, Mon. Anopl. Brit.* 144. pl. 10. f. 7.
Philopterus phæopi, *Gervais, Aptères,* iii. 348.
On the Whimbrel; Pigmy Curlew.

46. NIRMUS holophæus. B.M.

Nirmus holophæus, *Burm. Handb.* ii. 427; *Denny, Mon. Anopl. Brit.* 145. pl. 10. f. 10.
Philopterus holophæus, *Gervais, Aptères,* iii. 349.
On the Ruff; Pigmy Curlew; Turnstone; Knot.

47. NIRMUS cingulatus. B.M.

Nirmus cingulatus, *Burm. Handb.* ii. 428?; *Denny, Mon. Anopl. Brit.* 146. pl. 11. f. 3.
Philopterus cingulatus, *Gervais, Aptères,* iii. 349.
On the Black-tailed Godwit; Bar-tailed Godwit; Ruff.

48. NIRMUS obscurus. B.M.

Nirmus obscurus, *Burm. Handb.* ii. 427; *Denny, Mon. Anopl. Brit.* 147. pl. 10. f. 6.
Philopterus obscurus, *Gervais, Aptères,* iii. 349.
On the Sanderling; Dunlin; Little Stint; Curlew; Black-tailed Godwit; Bar-tailed Godwit; Scaup Duck; Black Tern; Green Sandpiper; Common Sandpiper; Pigmy Curlew; Kentish Plover; Wood Sandpiper.

49. NIRMUS fissus. B.M.

Philopterus (Nirmus) fissus, *Nitzsch, Germ. Mag.* iii. 291; *Gervais, Aptères,* iii. 344.
Nirmus fissus, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.* ii. 427; *Denny, Mon. Anopl. Brit.* 148. pl. 10. f. 8.
Pediculus charadrii, *Linn. Syst. Nat.* ii. 1019.
Nirmus crassipes, *Denny, MSS.*
On the Little Ringed Plover; Redshank.

50. NIRMUS tenuis.

Nirmus tenuis, *Burm. Handb.* ii. 429; *Denny, Mon. Anopl. Brit.* 148. pl. 11. f. 9.
Philopterus tenuis, *Gervais, Aptères*, iii. 349.
On the Sand Martin.

51. NIRMUS Scolopacis. B.M.

Nirmus Scolopacis, *Denny, Mon. Anopl. Brit.* 149. pl. 11. f. 8.
Philopterus scolopacis, *Gervais, Aptères*, iii. 349.
On the Common Snipe.

52. NIRMUS cyclothorax.

Nirmus cyclothorax, *Burm. Handb.* ii. 429; *Denny, Mon. Anopl. Brit.* 150. pl. 11. f. 6.
Philopterus cyclothorax, *Gervais, Aptères*, iii. 349.
On the Mountain Finch.

53. NIRMUS furvus.

Nirmus furvus, *Burm. Handb.* ii. 427; *Denny, Mon. Anopl. Brit.* 151 (ref.).
Philopterus furvus, *Gervais, Aptères*, iii. 349.
On Tringoides macularia; Totanus glottis; Cinclus interpres.

54. NIRMUS Nycthemerus.

Nirmus Nycthemerus, *Burm. Handb.* ii. 428; *Denny, Mon. Anopl. Brit.* p. 151 (ref.).
Pediculus Sternæ, *Fabr. Syst. Antl.* 316.
Philopterus nycthemerus, *Gervais, Aptères*, iii. 350.
On Sterna minuta.

55. NIRMUS eugrammicus.

Nirmus eugrammicus, *Burm. Handb.* ii. 428; *Denny, Mon. Anopl. Brit.* 151 (ref.).
Philopterus grammicus, *Gervais, Aptères*, iii. 350.
On Larus minutus.

56. NIRMUS punctatus.

Nirmus punctatus, *Burm. Handb.* ii. 428; *Denny, Mon. Anopl Brit.* 151 (ref.).
Philopterus punctatus, *Gervais, Aptères*, iii. 344.
On the Larus ridibundus.

57. NIRMUS stenopyx.

Nirmus stenopyx, *Burm. Handb.* ii. 428; *Denny, Mon. Anopl. Brit.* 151 (ref.).
Philopterus stenopyx, *Gervais, Aptères*, iii. 350.
On the Anas rutila.

58. NIRMUS cruciatus.

Nirmus cruciatus, *Burm. Handb.* ii. 429; *Denny, Mon. Anopl. Brit.* 151 (ref.).
Philopterus cruciatus, *Gervais, Aptères,* iii. 350.
On the Lanius collurio.

59. NIRMUS varius.

Nirmus varius, *Burm. Handb.* ii. 430; *Denny, Mon. Anopl. Brit.* 151 (ref.).
Philopterus variatus, *Gervais, Aptères,* iii. 350.
On Corvus corone; Corvus monedula.

3. GONIOCOTES.

Goniocotes, *Burm. Handb.* ii. 431; *Denny, Mon. Anopl. Brit.* 55.
Goniodes, b., *Nitzsch, Germ. Mag.* iii. 294.
Pediculus, p., *Scop.*
Ricinus, p., *Degeer.*

1. GONIOCOTES compar. B.M.

Philopterus (Goniodes) compar, *Nitzsch, Germ. Mag.* iii. 294.
Goniodes compar, *Steph. Syst. Cat.* ii. 333.
Goniocotes compar, *Burm. Handb.* ii. 431; *Denny, Mon. Anopl. Brit.* 152. pl. 13. f. 2.
Pediculus bidentatus, *Scop. Ent. Carn.* 385.
Philopterus compar, *Gervais, Aptères,* iii. 358.
On the Stock Dove; on the Ring Dove; on the Turtle Dove.

2. GONIOCOTES hologaster. B.M.

Philopterus (Goniodes) hologaster, *Nitzsch, Germ. Mag.* iii. 294.
Goniodes hologaster, *Steph. Syst. Cat.* ii. 333.
Goniocotes hologaster, *Burm. Handb.* ii. 431; *Denny, Mon. Anopl. Brit.* 153. pl. 13. f. 4.
Ricinus Gallinæ, *Degeer, Mem.* vii. pl. 4. f. 15.
Philopterus hologaster, *Gervais, Aptères,* iii. 358.
On the Domestic Fowl.

4. GONIODES.

Goniodes, *Nitzsch, Germ. Mag.* iii. 293; *Denny, Mon. Anopl. Brit.* 56.
Ricinus, *Kirby.*

1. GONIODES falcicornis. B.M.

Pediculus Pavonis, *L. Syst. Nat.* ii. 1019; *Fabr. Syst. Ent.* 809; *Schrank, En. Ins. Austr.* 1028; *Panz. Faun. Ins. Germ.* 51. f. 19.

Louse of Peacock, *Albin, Spiders*, pl. 50.
Pulex Pavonis, *Redi, Exp.* pl. 14.
Nirmus tetragonocephalus, *Olfers*, 90.
Ricinus Pavonis, *Kirby & Spence, Intr. to Ent.* ii, pl. 5. f. 3 ♂.
Philopterus (Goniodes) falcicornis, *Nitzsch, Germ. Mag.* iii. 293.
Goniodes falcicornis, *Burm. Handb.* ii. 432; *Steph. Syst. Cat.* ii. 333; *Denny, Mon. Anopl. Brit.* 155. pl. 12. f. 1 (ad.), 3 (jun.).
Philopterus falcicornis, *Gervais, Aptères*, iii. 356.
On the Peacock.

2. GONIODES stylifer. B.M.

Pediculus Meleagris, *Schrank, En. Ins. Austr.* 504.
Philopterus (Goniodes) stylifer, *Nitzsch, Germ. Mag.* iii. 294; *Gervais, Aptères*, iii. 357.
Goniodes stylifer, *Steph. Syst. Cat.* ii. 333; *Burm. Handb.* ii. 432; *Denny, Mon. Anopl. Brit.* 156. pl. 12. f. 2.
On the Turkey.

3. GONIODES Colchici. B.M.

Pediculus Phasiani, *Fabr. Spec. Ins.* ii. 482?
Goniodes Colchici, *Denny, Mon. Anopl. Brit.* 158. t. 12. f. 4.
Philopterus colchici, *Gervais, Aptères*, iii. 357.
On the Pheasant.

4. GONIODES Ortygis. B.M.

Goniodes Ortygis, *Denny, Mon. Anopl. Brit.* 158. pl. 13. f. 6.
Philopterus ortygis, *Gervais, Aptères*, iii. 357.
On the Virginian Colin.

5. GONIODES dispar. B.M.

Philopterus (Goniodes) dispar, *Nitzsch, Germ. Mag.* iii. 294?; *Gervais, Aptères*, iii. 357.
Goniodes dispar, *Burm. Handb.* ii. 432?; *Denny, Mon. Anopl. Brit.* 159. pl. 12. f. 5.
On the Common Partridge.

6. GONIODES chelicornis. B.M.

Philopterus (Goniodes) chelicornis, *Nitzsch, Germ. Mag.* iii. 293; *Gervais, Aptères*, iii. 356.
Goniodes chelicornis, *Steph. Syst. Cat.* ii. 333; *(Lyonet) Mém. du Mus.* xviii. 268. pl. 12. f. 7; *Children, App. to Back's Land Exp.* 539; *Denny, Mon. Anopl. Brit.* 160. pl. 13. f. 8.
On Capercailzie.

7. GONIODES Tetraonis. B.M.

Goniodes Tetraonis, *Denny, Mon. Anopl. Brit.* 161. pl. 13. f. 3.
Philopterus tetraonis, *Gervais, Aptères*, iii. 357.
On Black Grouse; on Red Grouse; on Willow Grouse.

8. GONIODES dissimilis. B.M.

Philopterus (Goniodes) dissimilis, *Nitzsch, Germ. Mag.* iii. 294; *Gervais, Aptères*, iii. 357.
Goniodes dissimilis, *Steph. Syst. Cat.* ii. 162; *Denny, Mon. Anopl. Brit.* 162. pl. 12. f. 6 (♀).
On Domestic Fowl.

9. GONIODES Numidianus. B.M.

Goniodes Numidianus, *Denny, Mon. Anopl. Brit.* 163. pl. 13. f. 7.
Philopterus numidianus, *Gervais, Aptères*, iii. 357.
On the Pintado.

5. LIPEURUS.

Lipeurus, *Nitzsch, Germ. Mag.* iii. 292; *Denny, Mon. Anopl. Brit.* 55. 164.
Ornithobius, *Leach.*

1. LIPEURUS variabilis. B.M.

Pediculus Caponis, *Linn. Syst. Nat.* ii. 1020; *Faun. Suec.* 1960; *Fabr. Syst. Ent.* 809.
Philopterus (Lipeurus) variabilis, *Nitzsch, Germ. Mag.* iii. 292; *Gervais, Aptères*, iii. 352.
Lipeurus variabilis, *Steph. Syst. Cat.* ii. 332; *Denny, Mon. Anopl. Brit.* 164. pl. 15. f. 6.
On Domestic Fowl.

2. LIPEURUS polytrapezius. B.M.

Pediculus Melengridis, *Linn. Syst. Nat.* ii. 1020; *Faun. Suec.* 1958; *Fabr. Syst. Ent.* 809; *Frisch, Ins. Austr.* 8. t. 4.
Philopterus (Lipeurus) polytrapezius, *Nitzsch, Germ. Mag.* iii. 293; *Gervais, Aptères*, iii. 352.
Lipeurus polytrapezius, *Burm. Handb.* ii. 434; *Denny, Mon. Anopl. Brit.* 165. pl. 15. f. 5.
On the Turkey.

3. LIPEURUS gyricornis. B.M.

Lipeurus gyricornis, *Denny, Mon. Anopl. Brit.* 167. pl. 15. f. 1.
Philopterus gyricornis, *Gervais, Aptères*, iii. 355.
On Common Tern.

4. LIPEURUS quadripustulatus. B.M.

Philopterus (Lipeurus) quadripustulatus, *Nitzsch, Germ. Mag.* iii. 293; *Gervais, Aptères*, iii. 354.
Lipeurus quadripustulatus, *Steph. Syst. Cat.* ii. 332; *Denny, Mon. Anopl. Brit.* 167. pl. 16.
On the Golden Eagle; on the Cinereous Eagle.

5. LIPEURUS sulcifrons. B.M.

Lipeurus sulcifrons, *Denny, Mon. Anopl. Brit.* 169. pl. 14. f. 1 ♀.
On the Cinereous Eagle.

6. LIPEURUS Tadornæ. B.M.

Lipeurus Tadornæ, *Denny, Mon. Anopl. Brit.* 170. pl. 14. f. 6.
Philopterus tadornæ, *Gervais, Aptères*, iii. 355.
Nirmus Tadornæ, *Leach, MSS. B.M.*
Var. Nirmus anseris, *Leach, MSS. B.M.*
On the Shieldrake.

7. LIPEURUS versicolor. B.M.

Pediculus Ciconiæ, *Linn. Syst. Nat.* ii. 1019; *Faun. Suec.* 1925; *Fabr. Syst. Ent.* 808; *Frisch, Ins. Austr.* pl. 6.
Philopedon (Lipeurus) versicolor, *Nitzsch, Germ. Mag.* iii. 292; *Gervais, Aptères*, iii. 351.
Lipeurus versicolor, *Steph. Syst. Cat.* ii. 332; *Burm. Handb.* ii. 434; *Denny, Mon. Anopl. Brit.* 171. pl. 15. f. 7.
On the White Stork.

8. LIPEURUS Baculus. B.M.

Pulex Columbæ majoris, *Redi, Exp.* pl. 2, fig. sup.
Pediculus Columbæ, *Linn. Syst. Nat.* ii. 1020; *Fabr. Syst. Ent.* 809; *Spec. Ins.* ii. 482; *Geoff. Ins.* ii. 599; *Schrank, En. Ins. Aust.* 1031; *Beytr.* 114. t. 5. f. 3; *Donov. Brit. Ins.* ix. 291.
Louse of Pigeon, *Albin, Spiders*, pl. 43 (low. fig.) (cop. *Redi*).
Nirmus filiformis, *Olfers*, 90.
Philopterus (Lipeurus) Baculus, *Nitzsch, Germ. Mag.* iii. 293; *Gervais, Aptères*, iii. 355.
Lipeurus Baculus, *Steph. Syst. Cat.* ii. 332; *Burm. Handb.* ii. 434; (*Lyonet*) *Mém. du Mus.* xviii. 273. pl. 13. f. 10; *Denny, Mon. Anopl. Brit.* 172. pl. 14. f. 3.
On Pigeons.

9. LIPEURUS pelagicus. B.M.

Lipeurus pelagicus, *Denny, Mon. Anopl. Brit.* 173. pl. 14. f. 2.
Philopterus pelagicus, *Gervais, Aptères*, iii. 355.
Nirmus Procellariæ, *Leach, MSS. B.M.*
On Stormy Petrel; on Leach's Petrel.

10. Lipeurus leucopygus. B.M.

Pediculus Ardeæ, *Linn. Syst. Nat.* ii. 1019; *Fabr. Syst. Ent.* 422.
Pediculus ardeulis, *Frisch, Ins.* 5. t. 4; *Scop. Ent. Carn.* 384.
Pulex ardeæ, *Redi, Exp.* pl. 6.
Louse of the Heron, *Albin, Spiders*, pl. 45 (low. fig.).
Lipeurus obtusus, *Steph. Syst. Cat.* ii. 332.
Lipeurus leucopygus, *Burm. Handb.* ii. 434; *Denny, Mon. Anopl. Brit.* 174. pl. 11. f. 4.
Philopterus leucopygus, *Gervais, Aptères*, iii. 351.
On the Heron.

11. Lipeurus temporalis. B.M.

Pediculus mergi, *Fabr. Spec. Ins.* ii. 480.
Ricinus mergi serrati, *Degeer, Mem.* vii. 78. t. 4. f. 13.
Philopterus (Lipeurus) temporalis, *Nitzsch, Germ. Mag.* iii. 292; *Gervais, Aptères*, iii. 352.
Lipeurus temporalis, *Steph. Syst. Cat.* ii. 332; *Denny, Mon. Anopl. Brit.* 175. pl. 14. f. 7.
On Red-breasted Merganser; on Goosander.

12. Lipeurus squalidus. B.M

Pediculus anatis, *Fabr. Syst. Antl.* 345.
Philopterus (Lipeurus) squalidus, *Nitzsch, Germ. Mag.* iii. 292; *Gervais, Aptères*, iii. 351. pl. 47. f. 9.
Lipeurus squalidus, *Steph. Syst. Cat.* ii. 332; *Denny, Mon. Anopl. Brit.* 176. t. 14. f. 5.
Nirmus anatis, *Leach, MSS. B.M.*
On the Mallard; Scaup Duck; Scoter; Pochard; Shieldrake.

13. Lipeurus jejunus. B.M.

Pediculus Anseris, *Linn. Syst. Nat.* ii. 1018; *Faun. Suec.* 1952; *Fabr. Syst. Ent.* 807; *Schrank, Ins. Austr.* 503.
Nirmus crassicornis, *Olfers*, 88.
Pulex Anseris sylvestris, *Redi, Exp.* pl. 10.
Louse of the Wild Goose, *Albin, Spiders*, 76. t. 58 (cop. *Redi*).
Philopterus (Lipeurus) jejunus, *Nitzsch, Germ. Mag.* iii. 292; *Gervais, Aptères*, iii. 352.
Lipeurus jejunus, *Steph. Syst. Cat.* ii. 332; *Children. App. to Buck's Land Exp.* 538; *Denny, Mon. Anopl. Brit.* 177. pl. 15. f. 4.
On White-fronted Goose; Brent Goose; Wild Goose; Bean Goose.

14. Lipeurus stellaris. B.M.

Lipeurus stellaris, *Denny, Mon. Anopl. Brit.* 178. pl. 15. f. 3.

Philopterus stellaris, *Gervais, Aptères*, iii. 351.
On the Bittern.

15. Lipeurus ebræus. B.M.

Pediculus Gruis, *Linn. Syst. Nat.* ii. 1019; *Faun. Suec.* 1954; *Fabr. Syst. Ent.* 809; *Frisch, Ins.* 5. t. 4.
Pulex Gruis, *Redi, Exp.* pl. 3; *Oper.* t. 19.
Louse of the Crane, *Albin, Spid.* pl. 44, upp. fig. (cop. *Redi*).
Philopterus (Lipeurus) ebræus, *Nitzsch, Germ. Mag.* iii. 293; *Gervais, Aptères*, iii. 354.
Lipeurus ebræus, *Steph. Syst. Cat.* ii. 332; *Burm. Handb.* ii. 435; *Denny, Mon. Anopl. Brit.* 179. pl. 13. f. 5.
On the Crane.

16. Lipeurus staphylinoides. B.M.

Lipeurus staphylinoides, *Denny, Mon. Anopl. Brit.* 180. pl. 15. f. 2.
Philopterus staphylinoides, *Gervais, Aptères*, iii. 355. pl. 49. f. 5 ♂.
On the Gannet.

17. Lipeurus brevicornis. B.M.

Lipeurus brevicornis, *Denny, Mon. Anopl. Brit.* 181. pl. 13. f. 8.
Philopterus brevicornis, *Gervais, Aptères*, iii. 355.
On the Crested Shag; Oyster-catcher.

18. Lipeurus luridus. B.M.

Pulex Fuliceæ, *Redi, Exp.* pl. 4. f. 2.
Louse of the More-hen, *Albin, Spid.* pl. 45.
Philopterus (Lip.) luridus, *Nitzsch, Germ. Mag.* iii. 292; *Gervais, Aptères*, iii. 351.
Lipeurus luridus, *Steph. Syst. Cat.* ii. 332; *Denny, Mon. Anopl. Brit.* 182. pl. 10. f. 12.
On the Coot; Water-hen.

19. Lipeurus bilineatus.

Lipeurus bilineatus, *Steph. Syst. Cat.* ii. 333; *Denny, Mon. Anopl. Brit.* 182 (ref.).
Pediculus Vagelli, *Fabr. Syst. Antl.* 346.
Philopterus bilineatus, *Gervais, Aptères*, iii. 355.
On the Fulmar.

6. Ornithobius.

Ornithobius, *Denny, Mon. Anopl. Brit.* 183.
Nirmus, *Burm.*
Philopterus, p., *Gervais.*

1. ORNITHOBIUS Cygni. B.M.

Pediculus cygni, *Linn. Syst. Nat.* ii. 1018; *Fabr. Syst. Ent.* 807.
Pulex cygni, *Redi, Exp.* t. 8; *Oper.* t. 20.
Louse of the Swan, *Albin, Spid.* 76. t. 48 (cop. *Redi*).
Trinoton conspurcatum, p., *Steph. Syst. Cat.* ii. 334.
Ornithobius cygni, *Denny, Mon. Anopl. Brit.* 183. pl. 23. f. 1.
Philopterus cygnorum, *Gervais, Aptères*, iii. 359.
On Wild Swan; Tame Swan; Bewick's Swan.

2. ORNITHOBIUS gonioplurus. B.M.

Ornithobius gonioplurus, *Denny, Mon. Anopl. Brit.* 184. pl. 23. f. 2.
Philopterus goniopleurus, *Gervais, Aptères*, iii. 359.
On Canada Swan; Goosander.

3. ORNITHOBIUS atro-marginatus. B.M.

Ornithobius atro-marginatus, *Denny, Mon. Anopl. Brit.* 185. pl. 22. f. 3.
Philopterus atro-marginatus, *Gervais, Aptères*, iii. 360.
On Canada Swan.

Tribe 2. TRICHODECTINA. Mammalia Lice.

7. TRICHODECTES.

Trichodectes, *Nitzsch, Germ. Mag.* iii. 294; *Denny, Mon. Anopl. Brit.* 186.
Pediculus, p., *Linn.*
Ricinus, p., *Degeer.*

1. TRICHODECTES crassus. B.M.

Pediculus Melis, *Fabr. Syst. Antl.* 341.
Trichodectes crassus, *Nitzsch, Germ. Mag.* iii. 295; *Steph. Syst. Cat.* ii. 330; *Denny, Mon. Anopl. Brit.* 187. pl. 17. f. 3; *Gervais, Aptères*, iii. 312.
On Badger.

2. TRICHODECTES latus. B.M.

Ricinus canis, *Degeer, Mem.* vii. pl. 4. f. 16.
Pediculus setosus, *Olfers*, 84.
Trichodectes latus, *Nitzsch, Germ. Mag.* iii. 296; *Steph. Syst. Cat.* ii. 330; *Burm. Handb.* ii. 436; *Denny, Mon. Anopl. Brit.* 188. pl. 17. f. 1; *Gervais, Aptères*, iii. 312.
Trichodectes 8-punctatus, *Leach, MSS. B M.*
On the Dog.

3. TRICHODECTES subrostratus. B.M.

Trichodectes subrostratus, *Nitzsch, Germ. Mag.* iii. 296; *Steph. Syst. Cat.* ii. 330; *Burm. Handb.* ii. 436; *Denny, Mon. Anopl. Brit.* 189 & *postscript*; *Gervais, Aptères*, iii. 312.
Pediculus canis, *O. Fabr. Faun. Grænl.* 215?
On Domestic Cat.

4. TRICHODECTES Vulpis. B.M.

Trichodectes Vulpis, *Denny, Mon. Anopl. Brit.* 189. pl. 17. f. 5; *Gervais, Aptères*, iii. 312.
On Fox.

5. TRICHODECTES dubius. B.M.

Trichodectes dubius, *Nitzsch, Germ. Mag.* iii. 296; *Denny, Mon. Anopl. Brit.* 190. pl. 17. f. 2; *Gervais, Aptères*, iii. 312.
Pediculus Mustelæ, *Schrank, Faun. Boic.*
On Weasel; on Stoat.

6. TRICHODECTES retusus. B.M.

Trichodectes retusus, *Nitzsch, Germ. Mag.* iii. 296; *Burm. Handb.* ii. 436; *Steph. Syst. Cat.* ii. 330; *Denny, Mon. Anopl. Brit.* 194 (ref.); *Gervais, Aptères*, iii. 312.
On Martin (Mustela foina).

7. TRICHODECTES scalaris. B.M.

Pediculus Bovis, *Linn. Syst. Nat.* ii. 1017; *Faun. Suec.* 1946; *Fabr. Spec. Ins.* ii. 477; *Berkenh. Syn.* i. 170.
Trichodectes scalaris, *Nitzsch, Germ. Mag.* iii. 296; *Steph. Syst. Cat.* ii. 330; *Burm. Handb.* ii. 436; *Denny, Mon. Anopl. Brit.* 191. pl. 17. f. 9; *Rayer, Arch. Med. Comp.* i. 176. pl. 5. f. 4–6; *Gervais, Aptères*, iii. 314.
On Cattle; on the Ass.

8. TRICHODECTES Equi. B.M.

Pediculus Equi, *Linn. Syst. Nat.* ii. 1018; *Faun. Suec.* 1948; *Fabr. Spec. Ins.* ii. 478.
Trichodectes Equi, *Steph. Syst. Cat.* ii. 330; *Denny, Mon. Anopl. Brit.* 191. pl. 17. f. 7; *Gervais, Aptères*, iii. 314.
Trichodectes Caballi, *Leach, MSS. B.M.*
On the Horse; on the Ass.

9. TRICHODECTES longicornis. B.M

Pediculus Cervi, *Redi, Exp.* pl. 23 (low. fig.).
Louse of Stag, *Albin, Spiders*, pl. 53 (low. fig., cop. *Redi*.
Trichodectes longicornis, *Nitzsch, Germ. Mag.* iii. 296; *Steph. Syst. Cat.* ii. 330; *Burm. Handb.* ii. 436.

Trichodectes longicornis, *Denny, Mon. Anopl. Brit.* 192. pl. 17. f. 8; *Gervais, Aptères,* iii. 314.
On the Fallow Deer.

10. TRICHODECTES sphærocephalus.

Pediculus Ovis, *Linn. Syst. Nat.* ii. 1017; *Faun. Suec.* 1945; *Schrank, En. Ins. Austr.* 502. t. 1. f. 8, 9; *Redi, Exp.* pl. 22 (left fig.).
Trichodectes sphærocephalus, *Nitzsch, Germ. Mag.* iii. 296; *Steph. Syst. Cat.* ii. 330; *Burm. Handb.* ii. 436; *Denny, Mon. Anopl. Brit.* 193. pl. 17. f. 4; *Gervais, Aptères,* iii. 313.
On the Sheep.

11. TRICHODECTES similis. B.M.

Trichodectes similis, *Denny, Mon. Anopl. Brit.* 194. pl. 17. f. 6.
On Red Deer.

12. TRICHODECTES exilis.

Trichodectes exilis, *Nitzsch, Germ. Mag.* iii. 296; *Steph. Syst. Cat.* ii. 330; *Denny, Mon. Anopl. Brit.* p. 194 (refer.); *Gervais, Aptères,* iii. 313.
On Otter.

Fam. 3. LIOTHEIDÆ.

Liotheidæ, *Burm. Handb.* ii. 436; *Denny, Mon. Anopl. Brit.* 195, 197.
Nirmidæ, p., *Leach.*.

Tribe 1. LIOTHEINA. Tarsi 2-clawed.

Liotheum, *Nitzsch, Voigt Mag. f. d. Nat.* xii. 420 (1806); *Germ. Mag.* iii. 296; *Denny, Mon. Anopl. Brit.* 197.
Pediculus, p., *Linn.*
Ricinus, p., *Degeer.*
Nirmus, p., *Hermann.*
Pulex, p., *Redi.*

1. COLPOCEPHALUM.

Colpocephalum, *Nitzsch, Germ. Mag.* iii. 298; *Denny, Mon. Anopl. Brit.* 198, 206.

1. COLPOCEPHALUM flavescens. B.M.

Liotheum (Colpocephalum) flavescens, *Nitzsch, Germ. Mag.* iii. 298.
Colpocephalum flavescens, *Steph. Syst. Cat.* ii. 333; *Burm. Handb.* ii. 438; *Dehaan (Lyonet), Mém. du Mus.* xviii. 262. t. 12. f. 1; *Denny, Mon. Anopl. Brit.* 206. pl. 18. f. 2.

Liotheum flavescens, *Gervais, Aptères*, iii. 319.
On Honey Buzzard; on Peregrine Falcon; on Golden Eagle; on Kite; on White-tailed Eagle.

2. COLPOCEPHALUM Fregili. B.M.

Colpocephalum Fregili, *Denny, Mon. Anopl. Brit.* 208. pl. 20. f. 4.
Liotheum Fregili, *Gervais, Aptères*, iii. 320.
On the Cornish Chough.

3. COLPOCEPHALUM turbinatum. B.M.

Colpocephalum turbinatum, *Denny, Mon. Anopl. Brit.* 209. pl. 21. f. 1.
Liotheum turbinatum, *Gervais, Aptères*, iii. 320.
On Turbet Pigeon.

4. COLPOCEPHALUM zebra. B.M.

Liotheum (Colpocephalum) zebra, *Nitzsch, Germ. Mag.* iii. 298; *Gervais, Aptères*, iii. 319.
Colpocephalum zebra, *Steph. Syst. Cat.* ii. 333; *Burm. Handb.* ii. 438; *Denny, Mon. Anopl. Brit.* 210. pl. 19. f. 2.
On White Stork.

5. COLPOCEPHALUM ochraceum. B.M.

Pulex avis Pluvialis, *Redi, Exp.* pl. 11, upp. fig.
Louse of the Cormorant?, *Albin, Spid.* pl. 46 (upp. fig.).
Liotheum (Colpocephalum) ochraceum, *Nitzsch, Germ. Mag.* iii. 299; *Gervais, Aptères*, iii. 320.
Colpocephalum ochraceum, *Steph. Syst. Cat.* ii. 333; *Burm. Handb.* ii. 438; *Denny, Mon. Anopl. Brit.* 211. pl. 18. f. 3.
On the Oyster-catcher; on Common Sandpiper; on Ringed Plover; on Brown Snipe; on Bar-tailed Godwit; on Lesser Tern; on Dunlin; on Lapwing.

6. COLPOCEPHALUM piceum. B.M.

Colpocephalum piceum, *Denny, Mon. Anopl. Brit.* 212. pl. 18. f. 4.
Liotheum piceum, *Gervais, Aptères*, iii. 320.
On Sandwich Tern.

7. COLPOCEPHALUM subæquale. B.M.

Liotheum (Colpocephalum) subæquale, *Nitzsch, Germ. Mag.* iii. 299; *Gervais, Aptères*, iii. 319.
Colpocephalum subæquale, *Steph. Syst. Cat.* ii. 333; *Burm. Handb.* ii. 438; *Children, App. to Back's Land Exp.* 553; *Denny, Mon. Anopl. Brit.* 213. pl. 18. f. 5.

Pou du Corbeau, *Dehaan* (*Lyonet*), *Mém. du Mus.* xviii. 266. pl. 12. f. 5.
On the Rook; on Carrion Crow; on Raven.

8. COLPOCEPHALUM eurysternum. B.M.

Pediculus Picæ, *Linn. Syst. Nat.* ii. 1018; *Fabr. Syst. Ent.* 807.
Pulex Picæ, *Redi, Exp.* t. 5.
Louse of the Magpie, *Albin, Spid.* 76. t. 45 (cop. *Redi*).
Menopon eurysternum, *Burm. Handb.* ii. 439.
Colpocephalum eurysternum, *Denny, Mon. Anopl. Brit.* 213. pl. 18. f. 6.
Liotheum eurysternum, *Gervais, Aptères,* iii. 321.
On the Magpie.

9. COLPOCEPHALUM importunum. B.M.

Colpocephalum importunum, *Nitzsch, MSS.*; *Denny, Mon. Anopl. Brit.* 214. t. 18. f. 1.
Pou du Heron, *Dehaan* (*Lyonet*), *Mém. du Mus.* xviii. 265. pl. 12. f. 4.
Liotheum importunum, *Gervais, Aptères,* iii. 320.
On the Heron.

10. COLPOCEPHALUM Nyctarde. B.M.

Colpocephalum Nyctarde, *Denny, Mon. Anopl. Brit.* 215. pl. 20. f. 9.
Liotheum nyctarde, *Gervais, Aptères,* iii. 321.
On Night-heron.

11. COLPOCEPHALUM quadri-pustulatum. B.M.

Colpocephalum 4-pustulatum, *Burm. Handb.* ii. 438; *Denny, Mon. Anopl. Brit.* 216. pl. 18. f. 8.
Liotheum 4-pustulatum, *Gervais, Aptères,* iii. 321.
On the White Stork.

12. COLPOCEPHALUM Haliaëti. B.M.

Colpocephalum Haliaëti, *Denny, Mon. Anopl. Brit.* 216. pl. 19. f. 1.
Liotheum haliaëtis, *Gervais, Aptères,* iii. 321.
On the Osprey.

13. COLPOCEPHALUM inæquale.

Colpocephalum inæquale, *Burm. Handb.* ii. 438; *Denny, Mon. Anopl. Brit.* 217 (note).
Liotheum inæquale, *Gervais, Aptères,* iii. 321.
On Black Woodpecker.

14. COLPOCEPHALUM trochioxum.

Colpocephalum trochioxum, *Burm. Handb.* ii. 438; *Denny, Mon. Anopl. Brit.* 217 (note).
Liotheum trochioxum, *Gervais, Aptères,* iii. 321.
On the Bittern.

15. COLPOCEPHALUM umbrinum.

Colpocephalum umbrinum, *Burm. Handb.* ii. 438; *Denny, Mon. Anopl. Brit.* 217 (note).
Liotheum umbrinum, *Gervais, Aptères,* iii. 321.
On Tringa subarquata.

16. COLPOCEPHALUM Percnopteri.

Liotheum percnopteri, *Gervais, Aptères,* iii. 321. pl. 48. f. 6.
On Neophron percnopterus.

2. MENOPON.

Menopon, *Nitzsch, Germ. Mag.* iii. 299; *Denny, Mon. Anopl. Brit.* 217.

1. MENOPON pallidum. B.M.

Pediculus Gallinæ, *Linn. Syst. Nat.* ii. 1020; *Faun. Suec.* 1959; *Fabr. Syst. Ent.* 809; *Panz. F. I. Germ.* 51. f. 21.
Pediculus Caponis, *Linn. Syst. Nat.* ii. 1020; *Faun. Suec.* 1960.
Pulex Capi, *Redi, Exp.* t. 16. f. 1.
Liotheum (Menopon) pallidum, *Nitzsch, Germ. Mag.* iii. 299, *Gervais, Aptères,* iii. 322.
Menopon pallidum, *Steph. Syst. Cat.* ii. 334; *Burm. Handb.* ii. 440; *Denny, Mon. Anopl. Brit.* 217. t. 21. f. 5.
Nirmus trigonocephalus, *Olfers,* 90.
On Poultry.

2. MENOPON fulvo-maculatum. B.M.

Menopon fulvo-maculatum, *Denny, Mon. Anopl. Brit.* 218. t. 21 f. 6.
Liotheum fulvo-maculatum, *Gervais, Aptères,* iii. 325
On the Common Quail; on the Pheasant.

3. MENOPON fusco-cinctum. B.M

Menopon fusco-cinctum, *Denny, Mon. Anopl. Brit.* 219 pl. 21 f. 4.
Liotheum fulvo-cinctum, *Gervais, Aptères,* iii. 326.
On the Red-backed Shrike.

4. MENOPON Pici. B.M.

Menopon Pici, *Denny, Mon. Anopl. Brit.* 219. pl. 20. f. 5.
Liotheum pici, *Gervais, Aptères,* iii. 326.
On the Green Woodpecker.

5. MENOPON Citrinellæ. B.M.

Menopon Citrinellæ, *Denny, Mon. Anopl. Brit.* 220. pl. 21. f. 3.
Liotheum citrinellæ, *Gervais, Aptères,* iii. 326.
On the Yellow Bunting; on the Pied Wagtail.

6. MENOPON Troglodyti. B.M.

Menopon Troglodyti, *Denny, Mon. Anopl. Brit.* 221. pl. 18. f. 7.
Pediculus albiventris, *Scop. Ent. Carn.*?
Liotheum troglodyti, *Gervais, Aptères,* iii. 326.
On Common Wren.

7. MENOPON scopulacorne. B.M.

Menopon scopulacorne, *Denny, Mon. Anopl. Brit.* 221. pl. 18. f. 9.
Liotheum scopulicorne, *Gervais, Aptères,* iii. 326.
On the Water Rail; on the Water Gallinule; on the Little Grebe.

8. MENOPON sinuatum.

Menopon sinuatum, *Burm. Handb.* ii. 440; *Denny, Mon. Anopl. Brit.* 222. pl. 20. f. 6.
Liotheum sinuatum, *Gervais, Aptères,* iii. 326.
On the Great Titmouse.

9. MENOPON mesoleucum. B.M.

Ricinus cornicis, *Degeer, Mem.* vii. 76. t. 4. f. 2 (pupa).
Nirmus cornicis, *Latr. Gen. Crust. et Ins.* i. 169?
Menopon mesoleucum, *Steph. Syst. Cat.* ii. 334; *Burm. Handb.* ii. 439; *Denny, Mon. Anopl. Brit.* 223. pl. 20. f. 2.
Liotheum mesoleucum, *Gervais, Aptères,* iii. 325.
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10. MENOPON nigro-pleurum.

Menopon nigro-pleurum, *Denny, Mon. Anopl. Brit.* 224. pl. 20. f. 1.
Liotheum nigro-pleurum, *Gervais, Aptères,* iii. 326.
On the Ruff; on the Razor-bill; on the Redshank; on the Curlew; on the Kittiwake Gull.

11. MENOPON giganteum. B.M.

Menopon giganteum, *Denny, Mon. Anopl. Brit.* 225. pl. 21. f. 2.
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12. MENOPON Perdicis. B.M.

Menopon Perdicis, *Denny, Mon. Anopl. Brit.* 225. pl. 21. f. 9.
Liotheum perdicis, *Gervais, Aptères*, iii. 327.
On the Partridge.

13. MENOPON transversum. B.M.

Menopon transversum, *Denny, Mon. Anopl. Brit.* 226. pl. 21. f. 7.
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14. MENOPON Strepsilæ.

Menopon Strepsilæ, *Denny, Mon. Anopl. Brit.* 226. pl. 21. f. 8.
Liotheum strepsilæ, *Gervais, Aptères*, iii. 323.
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15. MENOPON Ridibundi. B.M.

Menopon Ridibundus, *Denny, Mon. Anopl. Brit.* 227. pl. 20. f. 3.
Liotheum ridibundi, *Gervais, Aptères*, iii. 323.
On the Black-headed Gull.

16. MENOPON icterum. B.M.

Menopon icterum, *Burm. Handb.* ii. 440?; *Denny, Mon. Anopl. Brit.* 228. pl. 20. f. 8.
Liotheum icterum, *Gervais, Aptères*, iii. 323.
On the Sanderling; on the Woodcock.

17. MENOPON Carduelis.

Menopon Carduelis, *Denny, Mon. Anopl. Brit.* 228. pl. 20. f. 7.
Liotheum carduelis, *Gervais, Aptères*, iii. 323.
On the Goldfinch.

18. MENOPON stramineum.

Liotheum (Menopon) stramineum, *Nitzsch, Germ. Mag.* iii. 300
Menopon stramineum, *Steph. Syst. Cat.* ii. 334; *Denny, Mon. Anopl. Brit.* 229 (note).
Pediculus Meleagridis, *Panz. Faun. Ins. Germ.* 51. f. 20.
On the Turkey.

19. MENOPON cucullare.

Liotheum (Menopon) cucullare, *Nitzsch, Germ. Mag.* iii. 300.
Menopon cucullare, *Steph. Syst. Cat.* ii. 334.
Menopon cucullare, *Burm. Handb.* ii. 439; *Denny, Mon. Anopl. Brit.* 229 (note).
Pediculus Sturni candidi, *Redi, Exp.* pl. 17 ♂.
Louse of Starling, *Albin, Spid.* pl. 53 (cop. *Redi*).
On the Starling.

20. MENOPON minutum.

Liotheum (Menopon) minutum, *Nitzsch, Germ. Mag.* iii. 300.
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Menopon minutum, *Steph. Syst. Cat.* ii. 334; *Denny, Mon. Anopl. Brit.* 229 (note).
On several of the Passerine birds.

21. MENOPON phanerostigmaton.

Liotheum (Menopon) phanerostigmaton, *Nitzsch, Germ. Mag.* iii. 300.
Menopon phanerostigmaton, *Steph. Syst. Cat.* ii. 334; *Denny, Mon. Anopl. Brit.* 229 (note).
Pediculus fasciatus, *Scopoli, Ent. Carn.* 1040.
Pediculus Cuculi, *Fabr. Syst. Antl.* 345.
On the Cuckoo.

22. MENOPON tridens.

Menopon tridens, *Burm. Handb.* ii. 440; *Denny, Mon. Anopl. Brit.* 229 (note).
Liotheum tridens, *Gervais, Aptères*, iii. 323.
On the Coot.

23. MENOPON gonophæum.

Menopon gonophæum, *Burm. Handb.* ii. 440; *Denny, Mon. Anopl. Brit.* 229 (note).
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24. MENOPON lutescens.

Menopon lutescens, *Burm. Handb.* ii. 440; *Denny, Mon. Anopl Brit.* 229 (note); *Gervais, Aptères*, iii. 323.
On Spotted Sandpiper; on Ruff; on Razor-bill.

25. MENOPON leucoxanthum.

Menopon leucoxanthum, *Burm. Handb.* ii. 440; *Denny, Mon. Anopl. Brit.* 229 (note); *Gervais, Aptères*, iii. 323.
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26. MENOPON Tadornæ.

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Liotheum pulicare, *Gervais, Aptères,* iii. 324.
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1. TRINOTON conspurcatum. B.M.

Liotheum (Trinoton) conspurcatum, *Nitzsch, Germ. Mag.* iii. 300; *Gervais, Aptères,* iii. 324.
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On the Domestic Goose; on the Tame Swan; on Be wick's Swan; on the Common Gull.

2. TRINOTON luridum. B.M.

Trinoton luridum, *Steph. Syst. Cat.* ii. 334; *Burm. Handb.* ii. 441; *Denny, Mon. Anopl. Brit.* 234. pl. 22. f. 2.
Liotheum (Trinoton) luridum, *Nitzsch, Germ. Mag.* iii. 300; *Gervais, Aptères,* iii. 324.
Pediculus Querquedulæ, *Linn. Syst. Nat.* ii. 1018; *Redi, Exp.* pl. 12; (copied) *Albin. Spid.* pl. 46.
On the Widgeon; on the Golden-eye; on the Pintail; on the Teal; on the Goosander; on the Smew; on the Red-breasted Merganser.

3. TRINOTON squalidum. B.M.

Trinoton squalidum, *Denny, Mon. Anopl. Brit.* 235. pl. 22. f. 3.
Trinotum squalidum, *Gervais, Aptères,* iii. 325.
On White-fronted Goose; on Domestic Goose; on Shoveller.

1. TRINOTON lituratum.

Liotheum (Trinoton) lituratum, *Nitzsch, Germ. Mag.* iii. 300; *Gervais, Aptères,* iii. 324.

Trinoton lituratum, *Steph. Syst. Cat.* ii. 334; *Burm. Handb.* ii. 441; *Denny, Mon. Anopl. Brit.* 236.
On the Smew.

5. Eureum.

Eureum, *Nitzsch, Germ. Mag.* iii. 301; *Denny, Mon. Anopl. Brit.* 236.

1. Eureum cimicoides. B.M.

Liotheum (Eureum) cimicoides, *Nitzsch, Germ. Mag.* iii. 301.
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2. Eureum malleus.

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2. Læmobothrion giganteum.

Liotheum (L.) giganteum, *Nitzsch, Germ. Mag.* iii. 301; *Gervais, Aptères*, iii. 328.
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3. Læmobothrion hasticeps. B.M.

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Nirmus hasticeps, *Olfers*, 87.
Pediculus Tinnunculi, *Linn. Syst. Nat.* ii. 1018; *Faun. Suec.* 1949; *Fabr. Syst. Ent.* ii. 806; *Frisch, Ins.* ii. t. 24; *Panz. F. I. Germ.* 51. f. 17.
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Læmobothrium hastipes, *Burm. Handb.* ii. 442.
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4. Læmobothrion atrum.

Liotheum (L.) atrum, *Nitzsch, Germ. Mag.* iii. 302; *Gervais, Aptères*, iii. 328.
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Liotheum gilvum, *Gervais, Aptères*, iii. 328.
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Physostomum mystax, *Burm. Handb.* ii. 442; *Denny, Mon. Anopl. Brit.* 241. pl. 23. f. 6.
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2. PHYSOSTOMUM Bombycillæ. B.M.

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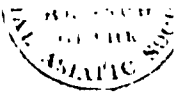

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Order I. ACCIPITRES.

Fam. VULTURIDÆ.

Neophron Percnopterus.
Colpocephalum Percnopteri, 34.

Fam. FALCONIDÆ.

Aquila chrysaëtos.
Docophorus aquilinus, 9.
—— triangulifer, 15.
Lipeurus quadripustulatus, 26.
Colpocephalum flavescens, 31.

Pandion Haliaëetus.
Colpocephalum Haliaëeti, 33.

Haliaëtus albicilla.
Docophorus aquilinus, 9.
Nirmus discocephalus, 15.
Lipeurus quadripustulatus, 26.
—— sulcifrons, 26.
Colpocephalum flavescens, 31.
Læmobothrion giganteum, 39.

Buteo vulgaris.
Docophorus platystomus, 14.
Læmobothrion giganteum, 39.
Nirmus fuscus, 16.

Archibuteo Lagopus.
Nirmus fuscus, 16.
Docophorus platystomus, 14.

Pernis apivorus.
Colpocephalum flavescens, 31.
Docophorus aquilinus, 9.

Milvus regalis.
Nirmus fuscus, 16.
Colpocephalum flavescens, 31.

Falco peregrinus.
Colpocephalum flavescens, 31.

Hypotriorchis subbuteo.
Læmobothrion laticolle, 39.

Hypotriorchis Æsalon.
Nirmus rufus, 16.

Tinnunculus alaudarius.
Nirmus rufus, 16.
Læmobothrion hasticeps, 40.

Astur palumbarius.
Docophorus platyrhynchus, 12.

Accipiter Nisus.
Docophorus Nisi, 14.
Nirmus rufus, 16.

Circus æruginosus.
Nirmus fuscus, 16.
Læmobothrion giganteum, 39.

Fam. STRIGIDÆ.

Nyctea nivea.
Docophorus ceblebrachys, 11.

Otus vulgaris.
Docophorus cursor, 13.

Otus brachyotus.
Docophorus cursor, 13.

Strix flammea.
Docophorus rostratus, 10.

Order II. PASSERES.

Fam. CAPRIMULGIDÆ.

Caprimulgus Europæus.
Nirmus hypoleucus, 20.

Fam. HIRUNDINIDÆ.

Cypselus Apus.
Nitzschia Burmeisteri, 38.
Eureum cimicoides, 39.

Hirundo rustica.
Eureum malleus, 39.

Cotyle riparia.
Nirmus tenuis, 22.

Chelidon urbica.
Nirmus gracilis, 16.
—— elongatus, 20.

Fam. CORACIADÆ.

Coracias garrula.
Nirmus subcuspidatus, 17.

Fam. ALCEDINIDÆ.

Alcedo Ispida.
Docophorus Alcedinis, 14.

Fam. MEROPIDÆ.

Merops Apiaster.
Docophorus Meropis, 13.
Nirmus Apiastri, 19.

Fam. UPUPIDÆ.

Upupa Epops.
Docophorus Upupæ, 11.

Fam. CERTHIIDÆ.

Troglodytes parvulus.
Menopon Troglodyti, 35.
Physostomum frenatum, 41.

Fam. LUSCINIDÆ.

Calamodyta Phragmitis.
Docophorus passerinus, 13.

Sylvia curruca.
Docophorus communis, 7.

Regulus cristatus.
Docophorus Reguli, 11.
Physostomum frenatum, 41.

Erythacus Rubecula.
Docophorus Rubeculæ, 14.

Accentor modularis.
Docophorus modularis, 14.

Parus major.
Docophorus pallescens, 10.
Menopon sinuatum, 35.

Parus cæruleus.
Docophorus Pari, 11.

Parus ater.
Docophorus Pari, 11.

Parus palustris.
Docophorus pallescens, 10.

Parus caudatus.
Docophorus Pari, 11.

Motacilla alba.
Docophorus passerinus, 13.
Menopon Citrinellæ, 35.

Motacilla flava.
Docophorus passerinus, 13.

Fam. TURDIDÆ.

Hydrobatus Cinclus.
Docophorus Cincli, 10.

Turdus viscivorus.
Nirmus viscivori, 17.
—— marginalis, 16.

Turdus pilaris.
Nirmus marginalis, 16.
Physostomum mystax, 40.
Docophorus Merulæ, 14.

Turdus musicus.
Docophorus Turdi, 9.

Turdus iliacus.
Nirmus Iliaci, 18.

Turdus torquatus.
Physostomum mystax, 40.
Nirmus marginalis, 16.
Docophorus Merulæ, 14.

Turdus Merula.
Docophorus Merulæ, 14.
Nirmus Merulensis, 18.
Nirmus argulus, 17.

Oriolus galbula.
Physostomum sulphureum, 41.

Fam. Ampelidæ.

Ampelis garrula.
Physostomum Bombycillæ, 41.

Fam. Lanidæ.

Lanius excubitor.
Docophorus fuscicollis, 12.

Enneoctonus collurio.
Nirmus cruciatus, 23.
Menopon fusco-cinctum, 34.

Fam. Corvidæ.

Garrulus glandarius.
Docophorus fulvus, 8.
Nirmus glandarii, 18.
Docophorus fuscicollis, 12.

Nucifraga caryocatactes.
Docophorus crassipes, 7.
Nirmus olivaceus, 15.

Pica caudata.
Docophorus Picæ, 7.
Colpocephalum eurysternum, 33.

Corvus Corax.
Docophorus semisignatus, 7.
Colpocephalum subæquale, 32.
Menopon gonophæum, 37.
Nirmus argulus, 17.

Corvus frugilegus.
Docophorus atratus, 6.
Nirmus argulus, 17.
Colpocephalum subæquale, 32.
Menopon mesoleucum, 35.

Corvus monedula.
Docophorus guttatus, 7.
—— serratus, 15.
Nirmus varius, 23.

Corvus Corone.
Docophorus ocellatus, 6.
Nirmus varius, 23.
Colpocephalum subæquale, 32.
Menopon mesoleucum, 35.

Corvus Cornix.
Docophorus ocellatus, 6.
—— atratus, 6.
Nirmus uncinosus, 16.

Coracia Gracula.
Colpocephalum Fregili, 32.

Fam. Sturnidæ.

Pastor roseus.
Docophorus Pastoris, 9.
Nirmus Iliaci, 18.

Sturnus vulgaris.
Docophorus Leontodon, 8.
Nirmus nebulosus, 19.
Menopon cucullare, 36.

Fam. Fringillidæ.

Fringilla Cœlebs.
Physostomum mystax, 41.
—— irascens, 41.
Docophorus Rubeculæ, 14.

Fringilla montifringilla.
Nirmus cyclothorax, 22.

Fringilla Carduelis.
Menopon Carduelis, 36.

Fringilla Chloris.
Docophorus communis, 7.

Passer domesticus.
Docophorus communis, 7.

Passer montanus.
Docophorus Fringillæ, 9.

Emberiza miliaria.
Docophorus communis, 7.

Emberiza citrinella.
Menopon Citrinellæ, 35.
Physostomum nitidissimum, 41.
Docophorus communis, 7.

Plectrophanes nivalis.
Physostomum Bombycillæ, 41.
Docophorus Rubeculæ, 14.

Pyrrhula rubicilla.
Docophorus communis, 7.

Loxia curvirostra.
Nirmus limbatus, 17.
Docophorus communis, 7.

Order III. SCANSORES.

Fam. PICIDÆ.

Picus major.
Docophorus superciliosus, 7.
Nirmus stramineus, 20.

Picus minor.
Physostomum mystax, 40.

Dryocopus martius.
Colpocephalum inæquale, 33.

Gecinus viridis.
Nirmus stramineus, 20.
Menopon Pici, 35.

Yunx Torquilla.
Docophorus serrilimbus, 11.
—— latifrons, 12.

Fam. CUCULIDÆ.

Cuculus Canorus.
Docophorus latifrons, 12.
Nirmus Cuculi, 16.
Menopon phanerostigmaton, 37.

Order IV. COLUMBÆ.

Fam. COLUMBIDÆ.

Columba Palumbus.
Nirmus claviformis, 18.
Goniocotes compar, 23.

Columba Œnas.
Goniocotes compar, 23.
Menopon giganteum, 35.
Nirmus claviformis, 18.

Domestic Pigeon.
Lipeurus baculus, 26.

Turbet Pigeon.
Colpocephalum turbinatum, 32.

Turtur auritus.
Goniocotes compar, 23.

Order V. GALLINÆ.

Fam. PHASIANIDÆ.

Pavo cristatus.
Goniodes falcicornis, 24.

Phasianus Colchicus.
Goniodes Colchici, 24.
Menopon fulvo-maculatum, 34.

Gallus Bankiva, var.
Goniocotes hologaster, 23.
Goniodes dissimilis, 25.
Lipeurus variabilis, 25.
Menopon pallidum, 34.

Meleagris gallo-pavo.
Goniodes stylifer, 24.
Lipeurus polytrapezius, 25.
Menopon stramineum, 36.

Numida Meleagris.
Nirmus Numidæ, 15.
Goniodes numidianus, 25.

Fam. TETRAONIDÆ.

Perdix cinerea.
Goniodes dispar, 24.
Menopon Perdicis, 35.

Coturnix communis.
Menopon fulvo-maculatum, 34.

Ortyx Virginiana.
Goniodes ortygis, 24.

Tetrao urogallus.
Goniodes chelicornis, 24.

Tetrao Tetrix.
Goniodes Tetraonis, 25.
Nirmus cameratus, 15.

Lagopus Scoticus.
Nirmus cameratus, 15.
Goniodes Tetraonis, 25.

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Fam. STRUTHIONIDÆ.

Otis tarda.
Nirmus turmalis, 15.

Order VII. GRALLÆ.

Fam. CHARADRIDÆ.

Œdicnemus crepitans.
Nirmus annulatus, 18.
—— Œdicnemi, 20.

Vanellus cristatus.
Nirmus junceus, 21.
Colpocephalum ochraceum, 32.

Squatarola helvetica.
Nirmus Vanelli, 18.

Charadrius pluvialis.
Docophorus conicus, 11.

Charadrius morinellus.
Docophorus platygaster, 10.

Charadrius Hiaticula.
Nirmus Hiaticulæ, 19.
Docophorus platygaster, 10.
—— cephalus, 9.

Charadrius Curonicus.
Nirmus fissus, 21.

Charadrius Cantianus.
Nirmus obscurus, 21.

Hæmatopus ostralegus.
Docophorus Ostralegi, 8.
Nirmus Hæmatopi, 17.
Lipeurus brevicornis, 28.
Colpocephalum ochraceum, 32.

Cinclus Interpres.
Nirmus strepsilaris, 19.
—— holophæus, 21.
—— furvus, 22.
—— Vanelli, 18.
Menopon Strepsilæ, 36.

Fam. ARDEIDÆ.

Grus cinerea.
Lipeurus ebræus, 28.

Ardea cinerea.
Lipeurus leucopygus, 27.
Colpocephalum importunum, 33.

Botaurus stellaris.
Nirmus tessellatus, 16.
Lipeurus stellaris, 28.

Colpocephalum trochiosum, 31.
Læmobothrion gilvum, 40.

Nycticorax griseus.
Colpocephalum nyctarde, 33.

Platalea leucorodia.
Docophorus Plataleæ, 12.

Ciconia alba.
Docophorus incompletus, 13.
Lipeurus versicolor, 26.
Colpocephalum zebra, 32.
—— 4-pustulatum, 33.

Ciconia nigra.
Docophorus tricolor, 13.

Fam. SCOLOPACIDÆ.

Numenius arquata.
Docophorus humeralis, 11.
—— testudinarius, 12.
Nirmus Numenii, 21.
—— obscurus, 21.
Menopon nigro pleurum, 35.

Numenius Phæopus.
Nirmus Phæopi, 21.
Docophorus humeralis, 11.

Limosa Lapponica.
Docophorus Limosæ, 10.
Nirmus cingulatus, 21.
—— obscurus, 21.
Colpocephalum ochraceum, 32.

Limosa ægocephala.
Docophorus Limosæ, 10.
Nirmus cingulatus, 21.
—— obscurus, 21.

Totanus calidris.
Nirmus attenuatus, 19.
—— fissus, 21.
Menopon nigro-pleurum, 35.

Totanus ochropus.
Nirmus ochropi, 19.
—— obscurus, 21.

Totanus glareola.
Nirmus obscurus, 21.

Totanus glottis.
Nirmus junceus, 21.
—— furvus, 22.

Tringoides macularia.
Menopon lutescens, 37.
Nirmus furvus, 22.

Tringoides hypoleuca.
Nirmus obscurus, 21.
Colpocephalum ochraceum, 32.
Docophorus cephalus, 9.

Recurvirostra Avocetta.
Nirmus decipiens, 17.

Philomachus pugnax.
Nirmus holophæus, 21.
—— cingulatus, 21.
Menopon nigro-pleurum, 35.
—— lutescens, 37.

Tringa Canutus.
Docophorus Canuti, 10.
Nirmus holophæus, 21.

Tringa alpina.
Docophorus variabilis, 8.
Nirmus obscurus, 21.
Colpocephalum ochraceum, 32.
Menopon icterum, 36.

Tringa minuta.
Docophorus fusiformis, 10.
Nirmus obscurus, 21.

Tringa subarquata.
Nirmus Phæopi, 21.
—— holophæus, 21.
—— obscurus, 21.
Colpocephalum umbrinum, 34.

Calidris arenaria.
Nirmus obscurus, 21.

Macroramphus griseus.
Colpocephalum ochraceum, 32.

Gallinago media.
Nirmus Scolopacis, 22.

Scolopax Rusticola.
Docophorus auratus, 9.
Menopon icterum, 36.

Phalaropus fulicarius.
Nirmus Phalaropi, 20.

Fam. RALLIDÆ.

Rallus aquaticus.
Docophorus Ralli, 8.
Nirmus cuspidatus, 18.
—— Rallinus, 20.
Menopon scopulacorne, 35.

Ortygometra Crex.
Nirmus attenuatus, 19.

Gallinula chloropus.
Lipeurus luridus, 28.
Menopon scopulacorne, 35.
Nirmus cuspidatus, 18.

Fulica atra.
Nirmus Fulicæ, 17.
—— Numenii, 21.
Lipeurus luridus, 28.
Menopon tridens, 37.
Læmobothrion atrum, 40.

Order VIII. ANSERES.

Fam. ANATIDÆ.

Bernicla leucopsis.
Lipeurus jejunus, 27.

Bernicla Canadensis.
Ornithobius gonioplurus, 29.
—— atro-marginatus, 29.

Anser ferus.
Lipeurus jejunus, 27.

Anser segetum.
Lipeurus jejunus, 27.
Docophorus Cygni, 12.

Anser domesticus.
Trinoton conspurcatum, 38.
—— squalidum, 38.

Anser erythropus.
Docophorus icterodes, 13.
Lipeurus jejunus, 27.
Trinoton squalidum, 38.

Cygnus ferus.
Nirmus junceus, 21.
Ornithobius Cygni, 29.

Cygnus olor.
Ornithobius Cygni, 29.
Trinoton conspurcatum, 38.

Cygnus minor.
Docophorus Cygni, 12.
Ornithobius Cygni, 29.
Trinoton conspurcatum, 38.

Tadorna Vulpanser.
Lipeurus Tadornæ, 26.
—— squalidus, 27.
Menopon Tadornæ, 37.

Mareca Penelope.
Docophorus icterodes, 13.
Trinoton luridum, 38.

Dafila acuta.
Trinoton luridum, 38.

Anas Boschas.
Docophorus icterodes, 13.
Lipeurus squalidus, 27.

Querquedula crecca.
Docophorus icterodes, 13.
Menopon leucoxanthum, 37.

Spatula clypeata.
Docophorus icterodes, 13.
Trinoton squalidum, 38.

Branta rufina.
Nirmus stenopyx, 22.

Fuligula Marila.
Docophorus icterodes, 13.
Nirmus obscurus, 21.
Lipeurus squalidus, 27.

Nyroca ferina.
Docophorus icterodes, 13.
Lipeurus squalidus, 27.

Clangula glaucion.
Docophorus chrysophthalmi, 12.
Trinoton luridum, 38.

Oidemia nigra.
Lipeurus squalidus, 27.

Mergus Castor.
Docophorus icterodes, 13.
Lipeurus temporalis, 27.
Ornithobius goniopturus, 29.
Trinoton lucidum, 38.

Mergus serrator.
Lipeurus temporalis, 27.
Trinoton luridum, 38.

Merygllus albellus.
Docophorus icterodes, 13.
Trinoton luridum, 38.
—— lituratum, 38.

Fam. Colymbidæ.

Colymbus glacialis.
Docophorus Colymbinus, 9.

Colymbus arcticus.
Docophorus Colymbinus, 9.

Colymbus septentrionalis.
Docophorus Colymbinus, 9.

Podiceps grisegena.
Nirmus Podicepis, var., 20.

Podiceps cristatus.
Nirmus Podicepis, 20.

Podiceps auritus.
Nirmus fusco-marginatus, 19.

Podiceps minor.
Nirmus Podicepis, 20.
Menopon scopulacorne, 35.

Fam. Alcidæ.

Alca Torda.
Docophorus celidoxus, 9.
Nirmus Alcæ, 20.
Menopon nigropleurum, 35.
—— transversum, 36.
—— lutescens, 37.

Fratercula arctica.
Docophorus celidoxus, 9.

Uria Troile.
Docophorus platygaster, 10.
—— humeralis, 11.
—— celidoxus, 9.

Uria grylle.
Docophorus megacephalus, 10.

Arctica alce.
Docophorus Merguli, 8.

Fam. Procellaridæ.

Thalassidroma pelagica.
Docophorus Thalassidromæ, 13.
Lipeurus pelagicus, 26.

Thalassidroma Leachii.
Lipeurus pelagicus, 26.

Procellaria glacialis.
Lipeurus bilineatus, 28.

Fam. Laridæ.

Stercorarius pomarinus.
Docophorus cephalus, 9.

Stercorarius parasiticus.
Docophorus cephalus, 9.

Larus leucopterus.
Docophorus Lari, 11.

Larus marinus.
Docophorus Lari, 11.

Larus argentatus.
Docophorus Lari, 11.
Nirmus sellatus, 18.

Larus canus.
Docophorus Lari, 11.
Trinoton conspurcatum, 38.

Larus ridibundus.
Docophorus Lari, 11.
Menopon Ridibundi, 36.
Nirmus sellatus, 18.
—— punctatus, 22.

Larus minutus.
Nirmus eugrammicus, 22.

Rissa tridactyla.
Docophorus Lari, 11.
Menopon nigropleurum, 35.
—— transversum, 36.
Nirmus sellatus, 18.

Sterna Cantiaca.
Colpocephalum piceum, 32.

Sterna hirundo.
Nirmus sellatus, 18.
Lipeurus gyricornis, 25.
Docophorus Bassanæ, 14.

Sterna minuta.
Nirmus nycthemerus, 22.
Colpocephalum ochraceum, 32.

Hydrochelidon nigra.
Nirmus obscurus, 21.

Fam. Pelecanidæ.

Sula Bassana.
Docophorus Bassanæ, 14.
—— humeralis, 11.
Lipeurus staphylinoides, 28.

Graculus carbo.
Docophorus Bassanæ, 14.

Graculus Linnæi.
Lipeurus brevicornis, 28.

Printed by Taylor and Francis, Red Lion Court, Fleet Street.

LIST

OF THE

SPECIMENS

OF

BRITISH ANIMALS

IN

THE COLLECTION

OF THE

BRITISH MUSEUM.

PART XII.—LEPIDOPTERA,

(CONTINUED).

PRINTED BY ORDER OF THE TRUSTEES.
LONDON, 1852.

LONDON:
PRINTED BY EDWARD NEWMAN,
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INTRODUCTION.

THE principal object of the present Catalogue has been to give a complete list of all the CRAMBIDÆ that have been recorded as found in Great Britain, indicating at the same time those species that are contained in the Collection.

This part of the Catalogue has been prepared by the late JAMES FRANCIS STEPHENS, Esq., so well known for his works on British Insects, for the extent of his cabinet, and the liberality with which he allowed it to be consulted, and who died unexpectedly while the first sheet was in the press.

Mr. Stephens has endeavoured to arrange these insects according to their natural affinities, so far as is practicable with a local collection; and has taken great pains to ascertain every name which has been applied to the respective species and their varieties, the author of the same, and the date of publication; the references to such names as are unaccompanied by descriptions being included in parentheses: all are arranged chronologically, excepting those to the illustrations and to the figures, which invariably follow their authorities.

The species in the British Museum Collection are indicated by the letters, B. M., annexed; while those in the Synoptic List, to which doubt is attached as to their indigenous pretensions, are distinguished by an asterisk (*) prefixed.

JOHN EDWARD GRAY.

British Museum,
December 29, 1852.

CATALOGUE

OF

BRITISH MICRO-LEPIDOPTERA, § II.

Order LEPIDOPTERA.

(§ MICRO-LEPIDOPTERA).

Sub-Div. (IV. continued).
LEPIDOPTERA VESPERTINA.

Lepidoptera Vespertini, p., *Step. H.* iv. 63, 1834.

Family I. (II). CRAMBIDÆ.

Crambina, *Zell. Isis*, 1838, p. 169. *Stain.* (*Cat. Tin.* 1, 1849).
Crambites, p., *Latr.*
Pyralites, p., *Latr. G. I.* iv. 228, 1809.
Tineida, p., *Leach, E. E.* ix. 135, 1815.
Tineidæ, p., *Step.* (*Cat.* ii. 213, 1829). *Id. H.* iv. 292, 1834.
Tinearіæ, p., *Zett. Faun. Lap.* 990, 1840.
Pyralides—Tetrachilæ, *Hüb. V.* 363, 1816.

Sub-Family I. EUDORIDI.

Eudoridi, *Step. MSS.*
Crambidæ, p., *Dup. Cat.* 313, 1846.

73. (429). EUDOREA.

Eudorea, *Curt. B. E.* iv. fo. 170, 1828. *Step.* (*Cat.* ii. 214, 1829). *Id. H.* iv. 214, 1834. *Zell. Isis*, 1839, p. 175. *Dup.* t. 319, 1846. *Stain.* (*Cat. Tin.* 1, 1849).
Scoparia, (Gen. Plantm.) *Haw. L. B.* 498, 1812.
Scopea, *Haw.* (*L. B.* 590, 1829).
Gesneria, p., *Hiib. V.* 368, 1816.
Chilo, p., *Zin. Som. Germ. M.* ii. 109, 1817.
Borëa, *Zett.* (*Faun. Lap.* 995, 1840).
Hercyna, *Treit.* (*E. S.* vi. 2, 318, 1828). *Id.* vii. 179, 1829.
Pyrausta, p., *Treit.* (*E. S.* 317, 1828).
Chilo D., *Treit. E. S.* ix. 1, 133, 1832.

1. EUDOREA CEMBRÆ. The Large Gray. B. M.

Scopea (Scoparia) Cembræ, *Haw. Lep. Brit.* 498, 1812.
Eudorea Cembræ, *Curt. B. E.* iv. fo. 170, 1828.
Eudorea Cembrella? *Step.* (*Cat.* ii. 214, 1829). *Id. H.* iv. 299, 1834. *Wood, I. E.* 208, t. 46, fo. 1440, 1838.
Eudorea Græcella, *Guen. in litt. teste Stain.* (*Cat. Tin.* 2, 1849). *Id.* (*Supp.* 16, 1851).
Var. *a.* Scopea (Scoparia) subfusca, *Haw. L. B.* 498, 1842.
Eudorea subfusca, *Curt. B. E.* iv. f. 170, 1828. *Step.* (*Cat.* ii. 214, 1829). *Id. H.* iv. 299, 1834. *Wood, I. E.* 208, t. 46, f. 1441, 1838. *West. & H. M.* ii. 226, t. 114, f. 32, 1845.

2. EUDOREA AMBIGUALIS. The Hoary Gray. B. M.

Scopea (Scoparia) dubita, *Haw. L. B.* 499, 1812.
Eudorea dubita, *Curt. B. E.* iv. fo. 170, 1828.
Eudorea dubitalis, *Step.* (*Cat.* ii. 214, 1829). *Id. H.* iv. 299, 1834. *Wood, I. E.* 208, 2, 46, f. 1442, 1838. *West. & H. M.* ii. 226. t. 114, f. 34, 1845.
Hercyna ambigualis, *Treit.* (*E. S.* iii. 184, 1829).

Eudorea ambigualis, *Dup. L. F.* x. t. 229, f. c. 1831. *Zell.* (*Isis*, 1839, p. 175). *Id. L. Ent.* i. 289, 1846. *Stain.* (*Cat. Tin.* 2. 1849). *Id.* (*Supp.* 16, 1851.
Chilo ambiguellus, *Treit. E. S.* ix. 138, 1832. *Id. Supp.* x. 3, 272, 1835.
Tinea ambigualis, *H.-Schæff. Ti.* t. 16, f. 108, 109, 18 .

3. EUDOREA PYRALELLA. The Yellow-stigmaed Gray. B. M.

Tinea Pyralella, *Hüb. Ti.* t. 24, f. 167, 1800? *Haw.* (*Pr.* 36, 1802).
Scopea (Scoparia) Pyrale, *Haw. L. B.* 499, 1812.
Eudorea Pyralea, *Curt. B. E.* iv. fo. 170, 1828.
Eudorea Pyralella, *Step.* (*Cat.* ii. 214, 1829). *Id. H.* iv. 299, 1834. *Wood, I. E.* 208, t. 46, f. 1443, 1838. *West. & H. M.* ii. 226, t. 114, f. 35, 184 . *Stain.* (*Cat. Tin.* 2. 1849). *Id.* (*Supp.* 16, 1851).
Crambus Mercurii, *Fab. E. S. Supp.* 474, 1796. *Walck. F. P.* ii. 313, 1802.
Eudorea dubitalis, *Zell. L. Ent.* i. 285, 1846.
Var. *a.* Pyralis dubitalis, *Hüb.? Py.* t. 8, f. 49, 1800?
Chilo dubitellus, *Zin. Som. Germ. M.* ii. 111, 1817. *Treit. E. S.* ix. 1, 136, 1832. *Id. Sup.* x. 3, 170, 1835. *Zett.* (*Ins. Lap.* 996, 1840).
Gesneria dubitalis, *Hüb.* (*V.* 368, 1816).
Pyrausta dubitalis, *Treit.* (*E. S.* vi. 2, 318, 1828).
Hercyna dubitalis, *Treit. E. S.* vii. 183, 1829.
Tinea dubitalis, *H.-Schæff. Ti.* t. 15, f. 107, 18 .
Eudorea tristrigella, *Step.* (*Cat.* ii. 214, 1829). *Id. H.* iv. 300, 1834. *Wood, I. E.* 208, t. 46, f. 1444, 1838. *West. & H. M.* ii. 226, t. 114, f. 36, 1845.

4. EUDOREA TRUNCICOLELLA. The Rustic Gray. B. M.

Eudorea truncicolella, *Stain. Cat. Tin.* 2, 1849.
Phalæna (Tinea) Mercurella, *Lin.? S. N.* i. 538, 1758.
Chilo Mercurellus, *Zin. Som. Germ. Mag.* ii. 109, 1817. *Treit. E. S.* ix. i. 133, 1832. *Id. Supp.* x. 3, 272, 1835.
Eudorea Mercurella, *Zell. L. E.* i. 293, 1846.
Eudorea ambigualis, *Dup. L. F.* x. t. 229, f. 5. b. 1831.

5. EUDOREA CRATÆGELLA. The Whitethorn Gray. B. M.?

Tinea Cratægella, *Hüb. Ti.* t. 34, f. 231, 1800?
Gesneria Centurionalis, *Hüb.* (*V.* 368, 1816).
Eudorea Cratægalis, *Dup. L. F.* x. t. 229, f. 7, 1831.
Tinea Mercurella, *Treit. H.* 395, 1834.
Eudorea Cratægella, *Zell. L. Ent.* i. 296, 1846. *Stain. Cat. Tin.* 2, 1849. *Id.* (*Supp.* 16. 1851).
Eudorea Mercurella, *Dup.* (*Cat.* 319, 1846).
Eudorea? albatella, *Fisch.-v.-R.*
Eudorea pusilla, *West.*? *& H. M.* ii. 227, t. 115, f. 2, 1845.

6. EUDOREA PORTLANDICA.* The Portland Gray. B. M.

Eudorea Portlandica, *Dale, in litt. teste Stain.* (*Cat. Tin.* 3, 1849). *Curt.* (*Ann. & Mag. N. H.* 2 *Ser.* v. 115, 1851).

7. EUDOREA FREQUENTELLA. The Small Gray. B. M.

Eudorea frequentella, *Stain.* (*Cat. Tin.* 3, 1849).
Phalæna (Tinea) Mercurella, *Lin.*? *S. N.* i. 538, 1758.
Scopea (Scoparia) Mercurea, *Haw. L. B.* 499, 1812.
Eudorea Mercurea, *Curt. B. E.* iv. fo. 170, 1828.
Eudorea Mercurella, *Step.* (*Cat.* ii. 214, 1829). *Id. H.* iv. 302, 1834. *Wood, I. E.* 209, t. 46, f. 1449, 1838. *West. & H. M.* ii. 227, t. 115, f. 37? 1845.
Var.? *a.* Eudorea concinnella, *Curt. Ann. & Mag. Nat. Hist.* 2 *Ser.* v. 115, 1851. *Stain.* (*Cat. Tin. Supp.* 1, 1851).

8. EUDOREA RESINEA. The Resin Gray. B.M.

Scopea (Scoparia) resinea, *Haw.*? *L. B.* 499, 1812.
Eudorea resinea, *Curt.* (*B. E.* iv. fo. 170, 1828). *Step.* (*Cat.* ii. 214, 1829). *Id. H.* iv. 301. 1834. *Wood, I. E.* 209, t. 46, f. 1448, 1838. *West. & H. M.* ii. 227, t. 114, f. 41, 1845. *Curt.* (*Ann. & Mag. Nat. Hist.* 2 *Ser.* v. 116, 1851).
Eudorea delunella, *Guen. in litt. teste Stain.* (*Cat. Tin.* 3, 1849).
Tinea lætella, *H.-Schæff.*? *Ti.* t. 16, f. 115, 18

9. EUDOREA MURANA. The Wall Gray. B. M.

Eudorea murana, *Curt. B. E.* iv. fo. 170, 1828. *Step.* (*Cat.* ii. 214, 1829). *Id. H.* iv. 301, 1834. *Wood, I. E.* 209, t. 46, f. 1447, 1838. *West. & H. M.* ii. 227, t. 114, f. 40, 1845. *Stain.* (*Cat. Tin.* 3, 1849). *Id.* (*Supp.* 16, 1851).

10. EUDOREA LINEOLA. The Striped Gray. B. M.

Eudorea lineola, *Curt. B. E.* iv. fo. 170, 1828. *Step.* (*Cat.* ii. 214, 1829). *Id. H.* iv. 300, 1834. *Wood ? I. E.* 208, t. 46, f. 1446, 1838. *West. & H. M.* ii. 227, t, 114, f. 39, 1845. *Stain. ? Cat. Tin.* 3, 1849. *Curt. Ann. & Mag. Nat. Hist.* 2 *Ser.* v. 115, 1851.

11. EUDOREA ANGUSTEA. The Narrow-winged Gray. B. M.

Eudorea angustea, *Curt. ? B. E.* iv. fo. 170, 1828. *Step.* (*Cat.* ii. 214, 1829). *Id. H.* iv. 302, 1834. *West. & H. M.* ii. 228, t. 115, f. 1, 1845. *Curt. Ann. & M. Nat. Hist.* 2 *Ser.* v. 116, 1851.

Eudorea coarctata, *Zell. Lin. Ent.* i. 308, 1846. *Id. Isis*, 1847, p. 29 & 76. *Stain. Cat. Tin.* 3, 1849. *H.-Schæff. Ti.* t. 17, f. 121.

12. EUDOREA ALPINA. The Alpine Gray. B. M.

Eudorea alpina, *Dale MSS. Curt. Ann. & M. Nat. Hist.* 2 *Ser.* v. 116, 1851.

13. EUDOREA PALLIDA. The Marsh Gray. B. M.

Eudorea pallida, *Curt. B. E.* iv. fo. 170, 1829. *Step.* (*Cat.* ii. 214, 1829). *Id. H.* iv. 300, 1834. *Wood, I. E.* 208, t. 46, f. 1445, 1838. *West. & H. M.* ii. 228, t. 114, f. 28, 1845. *Stain.* (*Cat. Tin.* 3, 1849).

Epileucia Lotusella, *Guén. ? MSS. ?*

Sub-Family II. PHYCIDI.

Phycidi, p., *Guén.* (*Mi.* 70, 1845).
Crambidæ, p., *Dup. Cat.* 313, 1846.
Phycis, *Fab. E. S. Supp.* 463, 1798, &c.
Phycites, *Curt. B. E.* v. fo. 238, 1827.
Phycideæ, *Zell. Isis*, 1848, p.

74, (430). NEPHOPTERYX.

Nephopteryx, t. *Hüb.* (*V.* 370, 1816). *Zell. Isis*, 179, 1839 *Stain.* (*Cat. Ti.* 3, 1849).
Phycis § † & § ††, *Guen.* (*Mi.* 76, 1845).
Rhodophæa, p., *Guen.* (*Mi.* 75, 1845).

A. DIORYCTRIA.

Dioryctria, *Zell. Isis*, 1846.
Phycis, § ††, *Guen.* (*Mi.* 76, 1845).

1. NEPHOPTERYX ABIETELLA. The Pine Knot-horn.

Phalæna (Tinea) Abietella, *Schiff.* (*W. V.* 138, 1776). *Id. Illig.* ii. 102, 1801. *Gmel. S. N.* i. 5, 2588, 1788. *Turt. Gm.* iii. 368, 1806.
Tinea Abietella, *Fab. M.* 245, 1777. *Vill. E. L.* iv. 1789. *Tab. E. S.* iii. 2, 302, 1794. *Goëtz. E. B.* iii. 134, 178. *Charp. Züns.* 133, 1818.
Phycis Abietella, *Zin. Som. Germ. Mag.* iii. 160, 1818. *Treit.* (*E. S.* viii. 296, 1830). *Id.* ix. 1, 177, 1832. *Dup. L. F.* xii. 237, t. 281, f. 4, *a.* ♂, f. 4, *b.* ♀, 1836. *Ratz. Fors. I.* ii. 244, t. 15, f. 2, 1840. *Evers. F. V. U.* 561, 1844. *Guen.* (*Mi.* 76, 1845).
Tinea decuriella, *Hüb. Ti.* t. 11, f. 74, 1800. *Dup. Ann. E. S. Fr.* i. 300, t. x. f. 1—8, 1832.
Phycita decuriella, *Curt. B. E.* v. fo. 233, 1829.
Phycita Abietella, *Step.* (*Cat.* ii. 216, 1829). *Curt.* (*G.* 179, 1831). *Step. II.* iv. 309, 1834. *Curt.* (*G.* 2 *ed.* 207, 1839). *Wood, I. E.* 212, t. 47, f. 1472, 1838. *West. & H. M.* ii. 232, t. 115, f. 26, 1845.

Nephopteryx Abietalis, *Hüb.* (*V.* 370, 1816). *Zell.* (*Isis*, 1839, p. 179).
Nephopteryx Abietella, *Zell. Isis*, 1841, p. . *Stain.* (*Cat. Tin.* 3. 1849).
Dioryctria Abietella, *Zell. Isis*, 1846, p. 730. *De Geer, M.* ii. 360, t, 8. f. 10—14.

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B. NEPHOPTERYX.

Nephopteryx, p., *Zell. Isis*, 1846.
Phycis, § †, *Guen.* (*Mi*, 76, 1845).

2. NEPHOPTERYX ROBORELLA. The Dotted Knot-horn. B. M.

Phalæna (Tinea) Roborella, *Schiff.* (*W. V.* 138, 1776). *Id. Ill.* ii. 101, 1801.
Tinea spissicella, *Fab. Gen. I. Man.* 294, 1776. *Id. Sp. I.* ii. 289, 1781. *Id. M.* ii. 240, 1787. *Id. E. S.* iii. *b.* 289, 1794. *Hüb. Ti.* t. 11, f. 75, 1800.
Phalæna (Tinea) spicicella, *Gmel. S. N.* i. 5, 2583, 1788. *Vill. Ent.* ii. 495, 1789. *Turt. Gm.* iii. 362, 1806.
Tinea Roborella, *Goëtz. E. B.* iii. 133, 178. *Schr. F. B.* ii. *b.* 137, 1802. *Charp. Zïns. &c.* 132, 1821.
Phycis Roborella, *Zin. Som. Germ. M.* iii. 147, 1818. *Treit.* (*E. S.* viii. 296, 1830). *Id.* ix. 1, 162, 1832. *Dup. L. F.* xii. 132, t. 281, f. 3, 1836. *Guen.* (*Mi.* 76. 1845).
Phycita Roborella, *Step.* (*Cat.* ii. 119, 1829). *Id. H.* iv. 309, 1834. *Wood, I. E.* 242, t. 52, f. 1680, 1839. *West. & H. M.* ii. 232, t. 115, f. 27, 1845.
Phycis spissicornis, *Fab. E. S. Supp.* 463, 1798. *Walck. F. P.* ii. 311, 1802. *Haw. L. B.* 492, 1812.
Phycita spissicella, *Curt. B. E.* v. fo. 233, 1829. *Curt.* (*G.* 179, 1831). *Id.* (2 *edit.* 207, 1837).
Nephopteryx Roboralis, *Hüb.* (*V.* 370, 1816).
Nephopteryx Roborella, *Zell.* (*Isis*, 1839, p. 179). *Id.* 1841, p. . *Stain. Cat. Tin.* 3, 1849.
Var. *a.* Phycis legatea, *Haw. L. B.* 492, 1812.
Phycita legatella, *Curt. B. E.* v. fo. 233, 1829. *Step.* (*Cat.* ii. 216, 1829). *Curt.* (*G.* 179, 1831). *Step. H.* iv. 310, 1834. *Curt.* (*G.* 2 *edit.* 207, 1837). *Wood, I. E.* 242, t. 52, f. 1682, 1839. *West. & H. M.* ii. 232, t. 115, f. 28, 1845.
Var. *b.* Phycis cristea, *Haw. L. B.* 492, 1812.

Phycita cristella, *Curt. B. E.* v. fo. 233, 1829. *Step. Cat.* ii. 216, 1829. *Curt. G.* 179, 1831. *Id.* 2 *edit.* 207, 1837. *Step. H.* iv. 310, 1834. *Wood, I. E.* 242, t. 52, f. 1681, 1839. *West. & H. M.* ii. 232, 1845.

75, (431). EURHODOPE.

Eurhodope, *Hüb. V.* 371, 1816.
Oncocera, p., *Step.* (*Cat.* ii. 217, 1829).
Crambus, p., *Fab. E. S. Supp.* 490, 1798.
Crambus, *Latr. R. A.* 583, 1818.
Phycis, p., *Zin. Som. Germ. M.* iii. 128, 1818.
Ilithyia, §†, *Guér. Ic. R. A.* fo. 91, 1834. *Dup. L. F.* xii. 144, 1836.
Pempelia, p., *Zell. Isis*, 1839. *Stain.* (*Cat. Tin.* 3, 1848).
Palparia, 3 p., *Haw. L. B.* 484, 1812.
Eudorope, *Zell.*? *Isis*, 1846.

A. EURHODOPE.

Eurhodope, *Hüb. l. c.*

1. EURHODOPE CARNELLA. The Rosy Veneer. B.M.

Phalæna (Tinea) carnella, *Lin. S. Nat.* i. 887, 1766. *Sulz. I.* t. 3, f. 12, 1776. *Gmel. S. Nat.* 1, 5, 2591, 1788. *Vill. E. L.* ii. 462, 1789.
Tinea carnella, *Fab. S. E.* 658, 1775. *Fuess.* (*Schw. I.* 42, 1775). *Schiff.* (*W. V.* 138, 1776). *Id. Illig.* ii. 101, 1801. *Fab. Sp. I.* ii. 293, 1781. *Goëtz. E. B.* iii. 88, 178. *Fab. M.* ii. 243, 1787. *Rossi, F. E.* ii. 103, 1790. *Id. Illig.* ii. 331, 1807. *Fab. E. S.* iii. 2, 887, 1794. *Hüb. Ti.* t. 10, f. 65, 1800. *Schr. F. B.* ii. 2, 117, 1802. *Haw.* (*Pr.* 36, 1802). *Lasp. Ill. M.* iv. 19, 1804. *Charp. Züns.* 132, 1821. *Treit. Heulf.* 396, 1834.
Crambus carneus, *Fab. E. S. Supp.* 470, 1798. *Walck. F. P.* ii. 312, 1802. *Sam.* (*I.* 13, 1818).
Palparia carnea, *Haw. L. B.* 484, 1812.
Eurhodope carnealis, *Hüb.* (*V.* 371), 1816.
Phycis carnella, *Zinc. Som. Germ. M.* iii. 128, 1817. *Treit. E. S.* viii. 297, 1830. *Id.* ix. 1, 158, 1832. *Ever. F. V. H.* 561, 1844.

Phalæna semirubella, *Scop. ? E. C.* 245, 1763.
Phycita carnea, *Curt.* (*B. E.* v. fo. 233, 1829).
Oncocera carnella, *Step.* (*Cat.* ii. 217, 1829). *Id. H.* iv. 314, 1834. *Wood, I. E.* 213, t. 47, f. 1478, 1838. *West. & H. M.* ii. 234, t. 115, f. 36, 1845.
Phycita carnella, *Curt.* (*G.* 178, 1831). *Id.* (*2 edit.* 207, 1837).
Ilythia carnea, *Guér. I. R. A.* (*Ins.*), t. 91, f. 4, 1834.
Ilythia carnella, *Dup. L. F.* xii. 148, t. 276, f. 32, 1836. *Bert. Lep. Bon.* 192, 1844. *Guen.* (*Mi.* 83, 1845). *Dup.* (*Cat.* 320, 1846).
Pempelia carnella, *Zell. Isis*, 1838, p. 179. *Stain.* (*Cat. Ti.* 3, 1849).
Var. *a.* Phycis carnella, *Treit. E. S.* ix. 1, 158, 1832.
Tinea sanguinella, *Hüb. Ti.* t. 10, f. 65, 1800. *Haw.* (*Pr.* 36, 1802).
Palparia sanguinarea, *Haw. L. B.* 484, 1812.
Crambus sanguineus, *Sam.* (*I.* 13, 1818).
Phycita sanguinea, *Curt.* (*B. E.* v. fo. 233, 1829).
Phalæna (Tinea) carnella, *Don. B. I.* v. 35, t. 153, f. 5, 1796. *Tur. Gm.* iii. 365, 1806.
Oncocera sanguinella, *Step.* (*Cat.* ii. 216, 1829). *Id. H.* iv. 314, 1834. *Wood, I. E.* 213, t. 47, f. 1479, 1838. *West. & H. M.* ii. 234, t. 115, f. 37, 184 .
Phycita sanguinella, *Curt.* (*G.* 179, 1831). *Id.* (*2 edit.* 207, 1837).
Ilythia carnella, var., *Dup. L. F.* xii. t. 276, f. 3, *a.* 1836. *Guen.* (*Mi.* 83, 1845).

76, (432). PEMPELIA,

Pempelia, *Hüb. V.* 369, 1816. *Zell. Isis*, 1838, p. 179. *Stain.* (*Cat. Tin.* 3, 1849).
Nephopteryx, p., *Hüb. V.* 370, 1816.
Pempelia, p., *Guen.* (*Mi.* 75, 1845).
Rhodophæa, p., *Guen.* (*Mi.* 74, 1845).

a. Phycis, § †††, *Guen.* (*Mi.* 77, 1845).

1. PEMPELIA ORNATELLA. The Speckled Knot-horn. B. M.

Phalæna (Tinea) ornatella, *Schiff.* (*W. V.* 319, 1776). *Id. Illig.* ii. 101, 1801.

Phycis ornatella, *Zin. Som. Germ. M.* iii. 154, 1818. *Treit.* (*E. S.* viii. 296, 1830). *Id.* ix. 1, 167, 1832. *Dup. L. F.* xii. 189, t. 279, f. 1, 1836. *Guen.* (*Mi.* 77, 1846).
Tinea ornatella, *Goëtz. E. B.* iii. 141, 178. *Charp. Züns.* 132, 1818.
Phycita ornatella, *Step.* (*Cat.* ii. 216, 1829). *Id. H.* iv. 309, 1834. *Wood, I. E.* 212, t. 46, f. 1471, 1838. *West. & H. M.* ii. 231, t. 115, f. 25, 1845.
Pempelia ornatella, *Zell.* (*Isis*, 1839, p., 179). *Stain. Cat. Tin.* 3, 1849.
Tinea criptella, *Hüb. Ti.* t. 11, f. 77, 1800.
Phycis criptea, *Haw. L. B.* 493, 1812. *Curt. B. E.* v. fo. 233, 1831.
Pempelia ornatalis, *Hüb.* (*V.* 369, 1816).
Phycita criptella, *Curt.* (*G.* 179, 1831). *Id.* (*2 edit.* 207, 1837).

2. PEMPELIA DILUTELLA. The Powdered Knot-horn.

Tinea dilutella, *Hüb. Ti.* t. 10, f. 69, 1800.
Phycis diluta, *Haw. L. B.* 495, 1812.
Nephopteryx dilutalis, *Hüb.* (*V.* 370, 1816).
Phycita dilutella, *Curt. B. E.* v. fo. 233, 1829. *Step.* (*Cat.* ii. 215, 1829). *Curt. G.* 179, 1831. *Step. H.* iv. 303, 1834. *Curt.* (*G.* 2 *edit.* 207, 1837). *Wood, I. E.* 210, t. 46, f. 1453, 1838. *West. & H. M.* ii. 229, t. 115, f. 6, 1845.
Phycis dilutella, *Guen.* (*Mi.* 77, 1845).
Pempelia dilutella, *Stain.* (*Cat. Tin.* 3, 1849). *Stain.* (*Zool.* vii. 2628, 1849).
Pempelia Serpyletorum, *Zell. Isis*, 1839, p. 179.
Phycis subornatella, *Dup. L. F.* xii. 287, t. 264, f. 5, 1836. *Dup.* (*Cat.* 323, 1846).
Pempelia subornatella, *Zell. Isis*, 1846, p.
♀ Phycita obscura, *Step. H.* iv. 308, 1834. *Wood, I. E.* 212, t. 46, f. 1470, 1838. *West. & H. M.* ii. 231, t. 115, f. 24, 184 .
Pempelia obscura, *Stain.* (*Cat. Tin.* 4, 1849).

b. Phycis, §††††, *Guen.* (*Mi.* 78, 1845).

3. PEMPELIA HOSTILIS. The Pale-shouldered Knot-horn.

Phycita hostilis, *Step. H.* iv. 307, 1834. *Wood, I. E.* 212, t. 46, f. 1467, 1838. *West. & H. M.* ii. 231, t. 115, f. 20, 1845.
Phycis Adelphella, *Fisch.-v.-R.* 50, t. 29, f. 2, 1836.
Pempelia Adelphella, *Zell.* (*Isis*, 1839, p. 179). *Id.* 1841, p. . *Guen.* (*Mi.* 78, 1845). *Stain. Cat. Tin.* 4, 1849.

4. PEMPELIA FUSCA. The Brown Knot-horn.

Phycis fusca, *Haw. L. B.* 493, 1812.
Phycita fusca, *Curt.* (*B. E.* v. fo. 233, 1829). *Step.* (*Cat.* ii. 216, 1829). *Id. H.* iv. 310, 1834. *Curt.* (*G.* 179, 1831). *Id.* (2 *edit.* 207, 1837). *Wood, I. E.* 242, t. 52, f. 1683, 1839. *West. & H. M.* ii. 232, t. 115, f. 39, 1845.
Phycis Janthinella, *Dup. L. F.* xii. 235, t. 281, f. 2, 1836.
Phycis carbonariella, *Fisch.-v.-R.* 157, t. 60, f. 1, 1839. *Guen.* (*Mi.* 78, 1845). *Dup.* (*Cat.* 323, 1846).
Pempelia carbonariella, *Zell. Isis*, 1839, p. 180. *Stain. Cat. Tin.* 4, 1849.
Phycis carbonella, *Evers. F. V. H.* 556, 1844.

5. PEMPELIA BETULÆ. The Birch Knot-horn. B. M.

Tinea Betulæ, *Goëtz. E. B.* iii. 178.
Pempelia (Salebria) Betulæ, *Zell.* (*Isis*, 1846, p.).
Pempelia Betulæ, *Stain.* (*Cat. Tin.* 4, 1849).
Phycis obtusella, *Zin. Som. Germ. M.* iii. 164, 1818. *Triet. E. S.* ix. 1, 196, 1832. *Zell.* (*Isis*, 1839, p. 180).
Phycita tristrigella, *Step. H.* iv. 310, 1834. *Wood, I. E.* 212, t. 47, f. 1473, 1838. *West. & H. M.* ii. 232, t. 115, f. 30, 1845.
Tinea christella, *Frey. N. B.* ii. 19, t. 108, f. 1, *a—c*. 1836.
Phycis holosericeella, *Fisch.-v.-R.* 149, t. 57, f. 2, 1839. *Guen.* (*Mi.* 78, 1845).
De Geer, M. i. 25, t. 28, f. 20—23.

c. Rhodophœa, p., *Guen.* (*Mi.* 75, 1845).

6. PEMPELIA FORMOSA. The Beautiful Knot-horn. B. M.

Phycis formosa, *Haw. L. B.* 494, 1812.
Phycita formosa, *Curt.* (*B. E.* v. fo. 233, 1829). *Step. Cat.* ii. 216, 1829. *Id. H.* iv. 308, 1834. *Wood, I. E.* 212, t. 46, f. 1468, 1830. *West. & H. M.* ii. 231, t. 115, f. 21, 1845. *Curt. G.* 2 *edit.* 1837.
Phycis perfluella, *Zin. Som. Germ. M.* iii. 171, 1818.
Pempelia perfluella, *Zell.* (*Isis*, 1839, p. 179). *Id.* 1846, p. . *Stain. Cat. Tin.* 4, 1849.
Rhodophœa perfluella, *Guen.* (*Mi.* 75, 1845).
Tinea dibaphiella, *Hüb. Ti.* 71, t. 472, 1829?
Phycis dubiella, *Dup. L. F.* xii. t. 280, f. 2, 1836?
Rhodophœa dubiella, *Guen.* (*Mi.* 74, 1845).

d. Pempelia, p., *Guen.* (*Mi.* 75, 1845).

7. PEMPELIA PALUMBELLA. The Mealy Knot-horn. B.M.

Phalæna (Tinea) palumbella, *Schiff.* (*W. V.* 138, 1776). *Id. Illig.* ii. 101, 1801. *Gmel. S. N.* i. 5, 2587, 1788.
Tinea Palumbella, *Fab. M.* ii. 245, 1787. *Id. E. S.* iii. *b.* 302, 1794. *Vill. E. L.* iv. 539, 1719. *Goëtz. E. B.* iii. 134, 178. *Charp. Züns. &c.* 133, 1821. *Turt. Gm.* iii. 368, 1806.
Pempelia Palumbalis, *Hüb.* (*V.* 369, 1816).
Phycis Palumbella, *Zin. Som. Germ. M.* iii. 151, 1818. *Treit.* (*E. I.* viii. 296, 1830). *Id.* ix. 1, 173, 1832. *Dup. L. F.* xii. 228, t. 281, f. 1, 1836. *Evers. F. V. U.* 564, 1844.
Phycita Palumbella, *Step.* (*Cat.* ii. 216, 1829). *Curt. G.* 179, 1831. *Id.* 2 *edit.* 207, 1837. *Step. H.* iv. 311, 1834. *Wood, I. E.* 213, t. 47, f. 1474, 1838. *West. & H. M.* ii. 233, t. 115, f. 31, 1845.
Pempelia Palumbella, *Zell.* (*Isis*, 1839, p. 180). *Id.* 1841, p. . *Guen.* (*Mi.* 75, 1845). *Stain. Cat. Tin.* 4, 1849.
Tinea contubernella, *Hüb. Ti.* t. 11, f. 72, 1800. *Haw.* (*Pr.* 36).
Phycis contubernea, *Haw. L. B.* 493, 1812.
Phycita contubernella, *Curt. B. E.* v. fo. 233, 1829.

Pempelia (Salebria) palumbella, *Zell. Isis*, 1846, p.
Var. *a*. Homœosoma cinerea, *West. & H. M.* ii. 233, t. 115, f. 33, 1845.

77, (433). ACROBASIS.

Acrobasis, *Zell. Isis*, 1839, p. 176. *Stain.* (*Cat. Tin.* 5, 1849).
Nephopterix, p., *Hüb. V.* 370, 1816.
Rhodophæa, p., *Guen.* (*Mi.* 74, 1845).
Pempelia, p., *Guen.* (*Mi.* 76, 1845).
Zophodia, p., *Hüb. V.* 370, 1816.
Tortrix, p., *Schiff.* (*W. V.* 130, 1776).

Rhodophæa, p., *Guen.* (*Mi.* 75, 1845).

1. ACROBASIS CONSOCIELLA. The Broad-barred Knot-horn. B.M.

Tinea consociella, *Hüb. Ti.* t. 48, f. 328, 1814.
Nephopterix consocialis, *Hüb.* (*V.* 370, 1816).
Phycis consociella, *Zin. Som. Germ. M.* iii. 138, 1818. *Treit.* (*E. S.* viii. 296, 1830). *Id.* ix. 1, 187, 1832. *Dup.*? *L. Fr.* xii. 230, t. 282, fo. 4, 1836.
Phycita consociella, *Curt. B. E.* v. fo. 233, 1829. *Step. Cat.* ii. 215, 1829. *Id. H.* iv. 306, 1834. *Curt.* (*G.* 179, 1831). *Id.* (2 *edit.* 207, 1837). *Wood, I. E.* 211, t. 46, f. 1464, 1838. *West. & H. M.* ii. 230, t. 115, f. 17, 1845.
Acrobasis consociella, *Zell.* (*Isis*, 1839, p. 177). *Id.* 1848, p. . *Stain.* (*Cat. Tin.* 5, 1849).
Rhodophæa consociella, *Guen.* (*Mi.* 75, 1846).
Phycis tumidana, *Dup. L. Fr.* xii. t. 280, f. 3, *b*. 1836.
Var.? *a*. Phycis fascia, *Haw. L. B.* 496, 1812.
Phycita fascia, *Curt. B. E.* v. fo. 233, 1839. *Step.* (*Cat.* ii. 215, 1829). *Id. H.* iv. 305, 1834. *Curt.* (*G.* 176, 1831). *Id.* (2 *edit.* 207, 1837). *Wood, I. E.* 211, t. 46, f. 1460, 1838. *West. & H. M.* ii. 230, t. 115, f. 13, 1845.

2. ACROBASIS TUMIDANA. The Warted Knot-horn. B. M.

Tortrix tumidana, *Schiff.*? (*W. V.* 130, 1776). *Id. Illig.* ii. 64, 1801. *Goëtz. E. B.* iii. 45, 170. *Charp. Zins.* 80, 1821.

Phycis tumidella, *Zin. Som. Germ. M.* iii. 136, 1818. *Treit. E. S.* ix. 1. 179, 1832. *Dup. L. F.* xii. 215, t. 283, f. 3, *a.* 1836.
Phycita tumidella, *Step.* (*Cat.* ii. 215, 1829). *Id. H.* iv. 305, 1834. *Wood*, (*I. E.* 210, t. 46, f. 1459, 1838). *West. & H. M.* ii. 230, t. 115, f. 12, 1845.
Zophodia tumidalis, *Hüb.* (*V.* 370, 1816).
Acrobasis tumidella, *Zell.* (*Isis*, 1839, p. 177). *Id.* 1848, p. . *Stain.* (*Cat. Tin.* 5, 1849).
Rhodophæa tumidella, *Guen.* (*Mi.* 74, 1846).
Tinea verrucella, *Hüb. Ti.* t. 11, f. 73, 1800. *Haw.* (*Pr.* 36, 1802).
Phycis verrucea, *Haw. L. B.* 494, 1812. *Curt. B. E.* v. fo. 233, 1829.
Phycita verrucella, *Curt.* (*G.* 179, 1831). *Id.* (2 *edit.* 207, 1837).
Var. *a.* Phycita advenella, *Step. H.* iv. 306, 1834. *Wood, I. E.* 211, t. 46, f. 1461, 1838. *West. & H. M.* ii. 230, t. 115, f. 14, 1845.

Nephopteryx, p., *Guen.* (*Mi.* 80. 1845).

3. Acrobasis? angustella.* The Narrow-winged Knot-horn.

Tinea angustella, *Hüb. Ti.* t. 10, 68, 1800.
Nephopterix gracilalis, *Hüb.* (*V.* 370, 1816).
Phycis angustella, *Zin. Som. Germ. M.* iii. 157, 1818. *Treit. E. S.* ix. 1, 195, 1832.
Nephopteryx angustella, *Zell. Isis*, 1839, p. 179. *Guen.* (*Mi.* 80, 1845). *Bruand, Ann. E. S. Fr.* 2 *Ser.* v. 289, t. 3, f. iii. 1847.
Acrobasis angustella, *Zell. Isis*, 1848, p. . *Stain.* (*Cat. Tin.* 5, 1849).

78, (434). MYELOPHILA.

Myelophila, *Treit. E. S. Supp.* x. 3, 174, 1835. *Guen.* (*Mi.* 83, 1845).
Myelois, p., *Hüb.* (*V.* 371, 1816). *Zell. Isis*, 1839, p. 176. *Stain.* (*Cat. Tin.* 5, 1849).
Noctua, p., *Schiff.* (*W. V.* 68, 1776).
Bombyx, p., *Fab. E. S.* iii, *a.* 487, 1794.

Setina, p., *Schr. F. B.* ii. 2, 166, 1802.
Palparia, 3, p., *Haw. L. B.* 484, 1812.
Lithosia, *Goda. L. F.* v. 29, 1824.
Oncocera, A., p., *Step.* (*Cat.* ii. 217, 1829).
Lispe (Gen. Dipt.), *Treit. E. S.* ix. 1, 204, 1832.

1. MYELOPHILA CRIBRUM. The Thistle Ermine. B. M.

Noctua cribrum, *Schiff.* (*W. V.* 68, 1776). *Id. Illig.* ii. 178, 1801. *Schr. F. B.* ii. *b.* 314, 1802. *Lasp. Ill. M.* ii. 80, 1803.
Bombyx cribrum, *Fab. E. S.* iii. 487, 1794.
Setina cribrum, *Schr. F. B.* ii. *B.* 166, 1802.
Tinea cribrumella, *Hüb. Bei.* i. *B.* 29, t. 4, f. *W.* 1786.
Myelois cribrum, *Zell.* (*Isis*, 1839, p. 176). *Id.* 1848, p. *Stain.* (*Cat. Tin.* 5, 1849).
Myelois medullalis, *Hüb.* (*V.* 371. 1816).
Tinea cribrella, *Hüb. Ti.* t. 10, f. 67, 1800. *Haw.* (*Pr.* 35, 1802). *Treit. Heulf.* 397, 1834. *Reich. Schm.* 146, 1852.
Phycis cribrella, *Treit.* (*E. S.* viii. 297, 1830).
Lispe (Gen. Dipt.) cribella, *Treit. E. S.* ix. 1, 205, 1832.
Lithosia cribrella, *Goda. L. F.* v. 29, t. 43, f. 5, 1824.
Myelophila cribella, *Treit. E. S. Supp.* x. 3, 174, 1835.
Myelophila cribrella, *Dup. L. F.* xii. 302, t. 285, f. 1, 1836. *Evers. L. V. U.* 563, 1844. *Guen.* (*Mi.* 83, 1845). *Dup.* (*Cat.* 326, 1846).
Palparia Cardui, *Haw. L. B.* 484, 1812.
Phycita Cardui, *Curt.* (*B. E.* v. fo. 233, 1829). *Id.* (*G.* 179, 1831). *Id.* (2 *edit.* 207, 1837).
Oncocera Cardui, *Step.* (*Cat.* ii. 217, 1829). *Id. H.* iv. 313, 1834. *Wood, I. E.* 213, t. 47, f. 1477, 1838. *West. & H. M.* ii. 233, t. 115, f. 35, 1845.
——— cribriformis, *Esp. teste Guen.* (*Mi. l. c.*)

79, (435). MYELOIS.

Myelois, p., *Zell. Isis*, 1839, p. 176.
Myelois, *Zell. Isis*, 1848. *Stain.* (*Cat. Tin.* , 1849).
Zophodia, p., *Hüb. V.* 370, 1816.
Rhodophæa, p., *Guen.* (*Mi.* 74, 1845).
Ephestia, p., *Guen.* (*Mi.* 82, 1845).

1. MYELOIS SUAVELLA. The Porphyry Knot-horn. B.M.

Phycis suavella, *Zin. Som. Germ. M.* iii. 140, 1818. *Treit. E. S.* ix. i. 185, 1832. *Dup. L. Fr. Supp.* iv. 124, t. 60, f. 8, 1844?
Myelois suavella, *Zell.* (*Isis*, 1839, p. 177). *Id.* 1848, p. . *Stain.* (*Cat. Tin.* 5, 1849).
Phycita Porphyrea, *Curt. B. E.* v. fo. 233, 1829. *Step.* (*Cat.* ii. 215, 1829). *Curt.* (*G.* 179, 1831). *Id.* (2 *edit.* 207, 1837). *Step. H.* iv. 306, 1834. *Wood, I. E.* 211, t. 46, f. 1463, 1838. *West. & H. M.* ii. 230, t. 115, f. 16, 1845.
Rhodophæa suavella, *Guen.* (*Mi.* 74, 1845).

2. MYELOIS MARMOREA. The Marbled Knot-horn. B. M.?

Phycis marmorea, *Haw. L. B.* 495, 1812.
Phycita marmorea, *Curt.* (*B. E.* v. fo. 233, 1829). *Step.* (*Cat.* ii. 215, 1829). *Curt.* (*G.* 179, 1831). *Id.* (2 *edit.* 207, 1837). *Step. H.* iv. 306, 1834. *Wood, I. E.* 211, t. 46, f. 1462, 1838. *West. & H. M.* ii. 230, t. 115, f. 15, 1845.
Myelois? Epelydella, *Fisch.-v.-R.? teste Gu. Mi. infra. Zell.? Isis*, 1846, p. . *Stain.* (*Cat. Tin.* 5, 1849).
Rhodophæa Epelydella, *Guen.?* (*Mi.* 74, 1845).

3. MYELOIS ADVENELLA. The Dove-coloured Knot-horn.

Phycis advenella, *Zin. Som. Germ. M.* iii. 141, 1818. *Treit. E. S.* ix. 1, 184, 1832.
Phycita advenella, *Step.* (*Cat.* ii. 215, 1829).
Myelois advenella, *Zell.* (*Isis*, 1839, p. 177). *Id.* 1843, p. . *Stain.* (*Cat. Add.* 1, 1851).
Rhodophæa advenella, *Guen.* (*Mi.* 74, 1845).
Phycis palumbea, *Haw. L. B.* 494, 1812.
Phycita palumbea, *Curt.* (*B. E.* v. fo. 233, 1829). *Id.* (*G.* 179, 1831). *Id.* (2 *edit.* 207, 1837).
Phycita Rhenella, *Step.* (*Cat.* ii. 215, 1829). *Id. H.* iv. 307, 1834. *Wood, I. E.* 211, t. 46, f. 1465, 1838. *West. & H. M.* ii. 230, t. 115, f. 18, 1845.
Rhodophæa recurvella, *Guen.* (*Mi.* 74, 1845).
Myelois recurvella, *Stain. Cat. Tin.* 5, 1849.

4. MYELOIS CERATONIELLA. The Blunt-winged Knot-horn.

Phycis Ceratoniella, *Fisch.-v.-R. Mi.* 147, t. 56, 57, f. 1, 1839, 1.
Myelois Ceratoniæ, *Zell. Isis*, 1839, 3? p. 176. *Id.* 1848, p. *Stain.* (*Cat. Tin.* 5, 1849).
Ephestia Ceratoniella. *Guen.* (*Mi.* 82, 1845).
Phycis obtusa, *Haw.? L. B.* 495, 1812.
Phycita obtusa, *Curt.?* (*B. E.* v. fo. 233, 1829). *Step.* (*Cat.* ii. 216, 1829). *Curt.* (*G.* 179, 1831). *Id.* (2 *edit.* 207, 1837). *Step. Ill.* iv. 308, 1834. *Wood, I. E.* 212, t. 46, f. 1469, 1838. *West. & H. M.* ii. 230, t. 115? f. 23, 1845.

5. MYELOIS? PINGUIS. The Tabby Knot-horn. B. M.

Phycis pinguis, *Haw. L. B.* 493, 1812.
Phycita pinguis, *Curt. B. E.* v. t. 233, 1829. *Step.* (*Cat.* ii. 216, 1829). *Curt.* (*G.* 179, 1831). *Id.* (2 *edit.* 207, 1837). *Step. H.* iv. 307, 1834. *Wood, I. E.* 211, t. 46, f. 1466, 1838. *West. & H. M.* ii. 231, t. 115, f. 19, 1845.
Myelois pinguis, *Stain.* (*Cat. Tin.* 5, 1849).

6. MYELOIS? ARTEMESIELLA. The Wormwood Knot-horn.

Myelois Artemesiella, *Step. MSS. Stain. Pro. Ent. Soc.* 1850, p. 6. *Id.* (*Cat. Tin. Supp.* 2, 1851).

80, (436). HOMŒOSOMA.

Homœosoma, *Curt. Ent. Mag.* i. 190, 1833. *Step. H.* iv. 312, 1834.
Crambus, p., *Fab. E. S. Supp.* 474, 1798.
Phycidea, p., *Zell. Isis*, 1839, p. 178.
Lotria, p., *Guen.* (*Mi.* 82, 1845).
Homæosoma, *Stain.* (*Cat. Tin.* 4, 1849).
Epischnia, p., *Hüb. V.* 371, 1816.

1. HOMŒOSOMA SINUELLA. The Twin-barred Knot-horn. B. M.

Tinea sinuella, *Fab. E. S.* iii. 2, 309, 1794.
Crambus sinuatus, *Fab. E. S. Supp.* 474, 1798.
Phycidea sinuella, *Zell. Isis*, 1839, p. .
Lotria sinuella, *Guen.* (*Mi.* 82, 1845).
Homœosoma sinuella, *Zell.* (*Isis*, 1839, p. 178). *Id.* 1848, p. . *Stain.* (*Cat. Tin.* 4, 1849).
Phycis gemina, *Haw. L. B.* 497, 1812.
Phycita gemina, *Step.* (*Cat.* ii. 215, 1829).
Homœosoma gemina, *Curt. Ent. M.* i. 190, 1833. *Step. H.* iv. 312, 1834). *Curt.* (*G.* 207, 1837). *Wood, I. E.* 213, t. 47, f. 1475, 1839. *West. & H. M.* ii. 233, t. 115, f. 32, 1845.
Phycis elongella, *Treit.?* (*E. S.* ix. 1, 202, 1832). *Dup. L. F.* xii. 245, t. 282. f. 3, 1836.
Phycis flavella, *Dup. L. F.* xii. 291, t. 284, f. 6, 1836.

2. HOMŒOSOMA NEBULELLA. The Clouded Knot-horn. B. M.

Tinea nebulella, *Schiff.?* (*W. V.* 140, 1776). *Id. Illig.* ii. 108, 1801. *Hüb. Ti.* t. 23, f. 157, 1800. *Schr. F. B.* ii. 2, 123, 1802. *Charp. Züns.* 145, 1818. *Treit. Heulf.* 397, 1834.
Epischnia muscerdalis, *Hüb.* (*V.* 371), 1816.
Phycis nebulella, *Zin. Som. Germ. Mag.* iii. 173, 1818. *Treit. E. S.* ix. 1, 169, 1832.
Phycidea nebulella, *Zell.* (*Isis*, 1839, p. 178).
Lotria nebulella, *Guen.* (*Mi.* 83, 1845).
Homœosoma nebulella, *Zell. Isis*, 1848, p. . *Stain.* (*Cat. Tin.* 4, 1849).

3. HOMŒOSOMA NIMBELLA. The Small Clouded Knot-horn.

Phycidea nimbella, *Zell.* (*Isis*, 1839, p. 178).
Phycis nimbella, *Fisch.-v.-R. teste Dup. L. F.* xii. 349, t. 284, f. 1, 1836.
Lotria nimbella, *Guen.* (*Mi.* 83, 1845).
Homœosoma nimbella, *Zell.* (*Isis*, 1848, p.). *Stain.* (*Cat. Tin.* 4, 1849).
Var. *a.* Phycis nebulella, *Dup. L. F.* xii. 197, t. 379, f. 5, 1836.

4. HOMŒOSOMA ELUVIELLA. The Ermine Knot-horn. B. M.

Lotria? eluviella, *Guen. in litt. teste Stain. infra.*
Homæosoma eluviella, *Stain.* (*Cat. Tin.* 4, 1849).
Phycis nebulea, *Haw. L. B.* 494, 1812.
Phycita nebulea, *Curt.* (*B. E.* v. fo. 233, 1829).
Phycita nebulella, *Step.* (*Cat.* ii. 214, 1829). *Step. H.* iv. 303, 1834. *Curt.* (*G.* 179, 1831). *Id.* (2 *edit.* 207, 1837). *Wood, I. E.* 209, t. 46, f. 1451, 1838. *West. & H. M.* ii. 229, t. 115, f. 4, 1845.
Var. *a.* Phycita binævella, *Step. H.* iv. 303, 1834. *Wood, I. E.* t. 6, f. 1452, 1838. *West. & H. M.* ii. 229, t. 115, f. 5, 1845.

81, (437). CRYPTOBLABES.

Cryptoblabes, *Zell. Isis*, 1848. *Stain.* (*Cat. Tin.* 5, 1849).
Ancylosis, p., *Zell. Isis*, 1839.
Phycis, § ††††, p., *Guen.* (*Mi.* 79, 1845).

B. M.

1. CRYPTOBLABES BISTRIGA. The Double-striped Red Knot-horn.

Phycis bistriga, *Haw. L. B.* 496, 1812.
Phycita bistriga, *Curt. B. E.* v. fo. 233, 1829. *Step.* (*Cat.* ii. 215, 1829). *Id. H.* iv. 305, 1834. *Curt.* (*G.* 179, 1831). *Id.* (2 *edit.* 209, 1837). *Wood, I. E.* 210, t. 46, f. 1458, 1838. *West. & H. M.* ii. 229, t. 115, f. 11, 1845.
Phycis rutilella, *Fisch.-v.-R.*
Ancylosis rutilella, *Zell. Isis*, 1839, p. 178.
Cryptoblabes rutilella, *Zell. Isis*, 1848, p. .. *Stain.* (*Cat. Tin.* 5, 1849).

82, (438). GYMNANCYLA.

Gymnancyla, *Zell. Isis*, 1848. *Stain.* (*Cat. Tin. Supp.* 2, 1851).
Gesneria, p., *Hüb. V.* 368, 1816.
Ancylosis, p., *Zell. Isis*, 1838.
Phycis, § †††††, p., *Guen.* (*Mi.* 79, 1845).

1. GYMNANCYLA CANELLA.* The Hoary Knot-horn.

Tinea canella, *Schiff.* (*W. V.* 135, 1776). *Id. Illig.* ii. 91, 1801. *Hüb. Ti.* t. 42, f. 289, 1812. *Goëtz. E. B.* iii. 138, 178.
Phycis canella, *Treit.* (*E. S.* viii. 296, 1830). *Id.* ix. 1, 166, 1832. *Evers. F. V. U.* 553, 1844. *Guen.* (*Mi.* 79, 1845).
Ancylosis canella, *Zell.* (*Isis*, 1839, p. 178).
Gymnancyla canella, *Zell. Isis*, 1848, p. 745. *Stain.* (*Cat. Tin.* 2. 1849).
Phycis depositella, *Zin. Som. Germ. M.* iii. 155, 1818.
Gesneria canellalis, *Hüb.* (*V.* 368, 1816).

83, (439). EPHESTIA.

Ephestia, *Zell. Isis*, 1848. *Stain.* (*Cat. Tin.* 4, 1849).
Ephestia †, *Guen.* (*Mi.* 81, 1845).
Nephopterix, p., *Hüb.* (*V.* 370, 1818).
Myelois, p., *Zell. Isis*, 1838.

1. EPHESTIA ELUTELLA. The Cinereous Knot-horn. B. M.

Tinea elutella, *Hüb. Ti.* t. 24, f. 163, 1800. *Haw.* (*Pr.* 38, 1802).
Nephopterix ablutalis, *Hüb.* (*V.* 370, 1818).
Phycis elutella, *Zin. Som. Germ. M.* iii. 175, 1818. *Treit.* (*E. S.* ix. 194, 1832). *Dup. L. F.* xii. 204, t. 279, f. 8, 1836.
Myelois elutella, *Zell.* (*Isis*, 1839, p. 176).
Ephestia elutella, *Guen.* (*Mi.* 81, 1845). *Zell. Isis*, 1848, p. *Stain.* (*Cat. Tin.* 4, 1849).
Phycita elutea, *Curt.* (*B. E.* v. fo. 233, 1829).
Phycita elutella, *Step.* (*Cat.* ii. 215, 1829). *Id. H.* iv. 304, 1834. *Curt.* (*G.* 179, 1831). *Id.* (2 *edit.* 207, 1837). *Wood, I. E.* 210, t. 46, f. 1454, 1838. *West. & H. M.* ii. 229, t, 115, f. 7, 1845.
Phycis elutea, *Haw. L. B.* 496, 1812.
Var. *a.* Phycis rufa, *Haw. L. B.* 497, 1812. *Curt.* (*B. E.* v. fo. 233, 1829).

Phycita rufa, *Step.* (*Cat.* ii. 215, 1829). *Id. H.* iv. 304, 1834. *Curt.* (*G.* 179, 1831). *Id.* (2 *edit.* 207, 1837). *Wood, I. E.* 210, t. 46, f. 1455, 1838. *West. & H. M.* ii. 229, t. 115, f. 8, 1845.

Var. *b.* Phycis angusta, *Haw. L. B.* 497, 1812.
Phycita angustella? *Step.* (*Cat.* ii. 215, 1829). *Id. H.* iv. 304, 1834. *Curt.?* (*G.* 179, 1831). *Id.* (2 *edit.* 207, 1837). *Wood, I. E.* 210, t. 46, f. 1456, 1838. *West. & H. M.* ii. 229, t. 115, f. 9, 1845.

2. EPHESTIA SEMIRUFA. The Red-streaked Knot-horn.

Phycis semirufa, *Haw. L. B.* 496, 1812. *Curt.* (*B. E.* v. fo. 233, 1829).
Phycita semirufa, *Step.* (*Cat.* ii. 215, 1829). *Id. H.* iv. 305, 1834. *Curt.* (*G.* 179, 1839). *Id.* (2 *edit.* 207, 1837). *Wood, I. E.* 210, t. 46, f. 1457, 1838. *West. & H. M.* ii. 229, t. 115, f. 10, 1845.
Ephestia semirufa, *Stain.* (*Cat. Tin.* 2. 1849).

84, (440). PLODIA.

Plodia, *Guen.* (*Mi.* 80, 1845).
Myelois, p., *Zell. Isis*, 1839.
Ephestia, p., *Zell. Isis*, 1848. *Stain.* (*Cat. Tin.* 4, 1849).

*? 1. PLODIA INTERPUNCTELLA. The Cloaked Knot-horn. B. M.

Tinea interpunctella, *Hüb. Ti.* t. 45, f. 310, 1814.
Phycis interpunctella, *Treit. E. S.* ix. 1, 196, 1832. *Dup. L. F.* xii. 224, t. 280, f. 5, 1836. *Stain. Zool.* vi. 2035, 1848.
Myelois interpunctella, *Zell.* (*Isis*, 1839, p. 176).
Plodia interpunctella, *Guen.* (*Mi.* 83, 1845).
Ephestia interpunctella, *Zell. Isis*, 1848, p. . *Stain.* (*Cat. Tin.* 4, 1849).
Ephestia interruptella, *Schaum? Ber.* 1848, 137, 1850.

85, (441). HYPOCHALCIA.

Hypochalcia, *Hüb. V.* 367, 1816. *Zell.* (*Isis*, 1839 p. 178). *Stain.* (*Cat. Tin.* 5, 1848).
Oncocera B. p., *Step.* (*Cat.* ii. 217, 1829). *Guen.* (*Mi.* 71, 1845).
Araxes, p., *Step. H.* iv. 315, 1834.
Crambus, p., *Haw. L. B.* 367, 1812.
Palparia, p., *Haw. L. B.* 486, 1812.
Abraxes, p., *Curt.* (*G.* 2 *edit.* 207, 1837).
Chilo, p., *Zin. Som. Germ. Mag.* ii. 105, 1817.
Anerastia, p., *Hüb. V.* 467, 1816.

1. HYPOCHALCIA AHENELLA. The Dingy Veneer. B. M.

Tinea ahenella, *Schiff.* (*W. V.* 135, 1776). *Id. Illig.* ii. 91, 1801. *Goëtz. B.* iii. 130, 178. *Hüb. Ti.* t. 9, f. 58, 1800. *Charp. Züns.* 117, 1818. *Treit. Heulf.* 369, 1834.
Hypochalcia aerealis, *Hüb.* (*V.* 368, 1816).
Phycis Ahenella, *Zin. Som. Germ. M.* iii. 120, 1818. *Treit.* (*E. S.* viii. 296, 1830). *Id.* ix. 1, 144, 1832. *Dup. L. F.* xii. 168, t. 277, f. 5, 1836. *Ever. F. V. H.* 549, 1844.
Hypochalcia ahenella, *Zell.* (*Isis*, 1839, p. 178). *Id. Isis*, 1848, p. . *Stain.* (*Cat. Tin.* 5, 1849).
Oncocera Ahenella, *Step.* (*Cat.* ii. 217, 1829). *Wood, I. E.* 214, t. 47, f. 1483, 1838. *Guen.* (*Mi.* 71, 1845).
Oncocera æneella, *Curt.* (*G.* 178, 1831).
Araxes ahenella, *Step. H.* iv. 315, 1834. *West. & H. M.* ii. 234, t. 115, f. 42, 184 .
Abraxes æneella, *Curt.* (*G.* 2 *edit.* 207, 1837).
Crambus obscuratus, *Haw. L. B.* 367, 1812.
Herminia obscuralis, *Sam.* (*I.* 21, 1818).
Var. *a.* Tinea æneella, *Hüb. Ti.* t. 6, f. 41, 1800.
Hypochalcia ænealis, *Hüb.* (*V.* 368, 1816).
Palparia tetrix, *Haw. L. B.* 486, 1812.
Crambus tetrix, *Curt.* (*B. E.* iii. fo. 109, 1827).
Var. *b.* Phycis bistrigella, *Dup. L. F.* xii. 172, t. 277, f. 8, 1836.
Var. *c.* Phycis fuliginella, *Dup. L. F.* xii. 165, t. 277, f. 3, 1836.

86, (442). ARAXES.

Araxes, *Step. H.* iv. 315, 1834. *West. & H. M.* ii. 234, 184 .
Anerastia, p., *Hüb.* (*V.* 467, 1816).
Anerastia, *Zell. Isis*, 1838. *Guen.* (*Mi*, 84, 1845). *Stain.* (*Cat. Tin.* 4, 1849).
Phycis, p., *Treit. Zin. Som. Germ. M.* iii. 126, 1818. *Treit. E. S.* ix. 1, 156, 1832.
Oncocera, B., *Step.* (*Cat.* ii. 217, 1829). *Curt.* (*G.* 179, 1831).
Abraxes, *Curt.* (*G.* 2 *edit.* 207, 1837).
Ilythia, p., *Dup.* (*Cat.* 321, 1846).

1. ARAXES LOTELLA. The Coast Knot-horn.

Tinea Lotella, *Hüb. Ti.* t. 48, f. 334, 1814. *H.-Schæff. Ti.* t. 43, f, 90—92.
Anerastia Lotalis, *Hüb.* (*V.* 367, 1816).
Phycis Lotella, *Zin. Som. Germ. M.* iii. 126, 1818. *Treit. E. S.* ix. 1, 156, 1832. *Dup. L. F.* xii. 277, t. 283, f. 6, 1836.
Oncocera Lotella, *Step.* (*Cat.* ii. 217, 1829).
Oncocera Marisci, *Curt.* (*G.* 179, 1831).
Araxes Lotella, *Step. H.* iv. 315, 1834.
Anerastia Lotella, *Zell. Isis*, 1839, p. 178. *Id.* 1846, p. *Guen.* (*Mi.* 84, 1845). *Stain. Cat. Tin.* 4, 1849.
Abraxes Lotella, *Curt.* (*G.* 2 *edit.* 207, 1837).
Araxes miniosella, *Wood, I. E.* 213, t. 47, f. 1482, 1838. *West. & H. M.* ii. 234, f. 38, 1845.
Ilythia Lotella, *Dup.* (*Cat.* 321, 1846).
Var. *a.* Tinea pulverella, *Hüb.*? *Ti.* t. 68, f. 454, 1829.
Phycis pulverella, *Treit.*? *E. S. Supp.* x. 3, 171, 1835.
Var. *b.* Phycis miniosella, *Zin. Som. Germ. M.* iii. 126, 1818. *Treit. E. S.* ix. 1, 155, 1832. *Evers. F. V. U.* 551, 1844.
Araxes Lotella, *Wood, I. E.* 214, t. 47, f. 1481, 1838. *West. & H. M.* ii. 234, t. 115, f. 39, 184 .
Abraxes Lotella, *Curt.* (*G.* 2 *edit.* 207, 1837).

2. ARAXES FARRELLA.* The Silver-edged Knot-horn.

Anerastia Farrella, *Curt. Ann. & Mag. Nat. Hist.* 2 *Ser.* v. 114, 1850. *Stain. Cat. Tin. Supp.* 1, 1851.

Sub-Family III. GALLERIDI.

Galleridi, *Step. MSS.*
Phycidi, p., *Guen.* (*Mi.* 70, 1845).
Crambidæ, p., *Dup. Cat.* 313, 1846.
Galleriæ, *Zell. Isis*, 1848, p.

87, (443). ACHROIA.

Achroia, *Hüb. V.* 163, 1816. *Step. H.* iv. 293, 1834.
Achroea, *Zell. Isis*, 1848, p. . *Stain.* (*Cat. Tin.* 3, 1849).
Tinea, p., *Fab. E. S.* iii. *b.* 289, 1794.
Galleria, p., *Fab. E. S. Supp.* 463, 1798. *Latr. G. S.* iv. 231, 1809. *Leach, E. E.* ix. 135, 1815. *Haw. L. B.* 392, 1812. *Sam. C.* 255, 1818. *Step.* (*Cat.* ii. 213, 1829).
Galleria A., *Step.* (*Cat.* ii. 213, 1829).
Meliphora, *Guen.* (*Mi.* 70, 1845).

1. ACHROIA GRISELLA. The Honey Moth. B. M.

Tinea grisella, *Fab. E. S.* iii. *b.* 289, 1794.
Achroea grisella, *Zell.* (*Isis*, 1848, p.) *Stain.* (*Cat. Ti.* 3, 1849).
Galleria alvearia, *Fab. E. S. Supp.* 463, 1798. *Walck. F. P.* ii. 310, 1802. *Latr.* (*G. S.* iv. 231, 1809). *Leach*, (*E. E.* ix. 135, 1815). *Step.* (*Cat.* ii. 213, 1829). *Curt.* (*G.* 176, 1831). *Dup. L. F. Supp.* iv. 127, t. 60, f. 10, 18 . *H.-Schæff. Ti.* t. 21, f. 149, 150, 18 .
Achroia alvearia, *Step. H.* iv. 293, 1834. *Curt.* (*G.* 2 *edit.* 205, 1837). *West. & H. M.* ii. 224, t. 114, f. 24, 1845.
Galleria cerea, *Haw. L. B.* 392, 1812.
Bombyx cinereola, *Hüb.?* (*Bo.* t. 23, f. 91, 1799?)
Meliphora alveariella, *Guen.* (*Mi.* 70, 1845).

88, (444). GALLERIA.

Galleria, *Fab. E. S. Supp.* 463, 1798. *Latr. G. S.* iv. 231, 1809. *Haw. L. B.* 392, 1812. *Leach, E. E.* ix. 135, 1815. *Step. H.* iv. 294, 1834. *Curt. B. E.* xiii. fo. 587, 1837. *Dup. L. F. Zell. Isis*, 1848, p.
Galleria B., *Step.* (*Cat.* ii. 213, 1829).

1. GALLERIA MELLONELLA. The Honey-comb Moth. B. M.

Phalæna (Tinea) Mellonella, *Lin. S. N.* i. 537, 1758.
Tinea Mellonella, *Schiff.* (*W. V.* 134, 1776). *Id. Illig.* ii. 82, 1801. *Lasp.* (*Ill. M.* iv. 17, 1805). *Charp. Züns.* 124, 1818.
Galleria Mellonella, *Treit.* (*E. S.* viii. 292, 1830). *Curt. B. E.* xiii. *t.* 587, ♂, ♀, 1836. *Id. G.* 2 *edit.* 205, 1837. *Zell. Isis*, 1839, p. 180. *Stain.* (*Cat. Tin.* 3, 1849).
Galleria cereana, *Fab. E. S. Supp.* 462, 1798. *Walck. F. P.* ii. 310, 1802. *Latr. G.* iv. 231, 1809. *Step.* (*Cat.* ii. 213, 1829). *Curt.* (*G.* 177, 1831).
Galleria cerea, *Haw. L. B.* 392, 1812. *Sam.* (*I.* 17, 1818).
Galleria cerealis, *Hüb.* (*V.* 369, 1816).
Galleria cerella, *Zin. Som. Germ. M.* iv. 234, 1821. *Treit. E. S.* ix. 1, 50, 1832. *Dup. L. F.* xii. 255, t. 282, f. 5, *a*—*c*. 1836. *Guen.* (*Mi.* 70, 1845). *Dup.* (*C.* 325, 1846). *Bert. L. Bon.* 194, 1846.
Tinea cerella, *West. in Loud. Köllar*, f. in p. 76, 1840.
Galleria cereella, *Evers. F. V. U.* 539, 1844.
♂ Geometra cereana, *Lin. Syst. Nat.* i. 2, 874, 1764. *Vill. E. L.* ii. 360, 1789.
Tinea cerella, *Fab. S. E.* 655, 1775. *Id. S. I.* ii. 289, 1781. *Id. M.* ii. 240, 1787. *Rossi, F. E.* ii. 206, 1790. *Id. Illig.* ii. 333, 1807. *Fab. E. S.* iii. 2, 287, 1794. *Hüb. Ti.* t. 4, f. 25, 1800. *Treit. Heulf.* 391, 1834. *Frey. N. B.* 11, t. 157, f. 4, 183 . *Reich. Schm.* 144, 1852.
Phalæna (Tinea) cerella, *Gmel. S. Nat.* i. 5, 2584, 1788. *Turt. Gm.* iii. 361, 1806.
Galleria cereana, *Step. H.* iv. 295, 1834. *Wood, I. E.* 204, t. 45, f. 1434, 1838. *West. & H. M.* ii. 225, t. 114, f. 25, 1845.
Phalæna Mellonella, *Don. Br. I.* viii. 75, t. 283, 1799.
Noctua Mellonina, *Haw.* (*Pr.* 13, 1802).
♀ Phalæna (Tinea) Mellonella (mellomella), *Lin. F. S.* ii. 358, 1761. *Id. S. Nat.* i. 2, 888, 1764. *Gmel. S. N.* i. 5, 2593, 1788. *Vill. E. L.* ii. 467, 1789. *Stew. E.* ii. 199, 1802. *Turt. Gm.* iii. 369, 1806.
Tinea Mellonella, *Fab. S. E.* 660, 1775. *Id. Sp. I.* ii. 296, 1781. *Id. M.* ii. 246, 1787. *Id. E. S.* iii. 2, 305, 1794. *Fuess. S. I.* 42, 17. *Goëtz. E. B.* iii. 94, 17. *Schr. F. B.* ii. 2, 128, 1802.

Roes. Ins. B. iii. 242, t. 41, f. 1—7, 1755.
Swamm. B. N. i. t. 26, f. 2.
Reaum. M. iii. t. 19, f. 7—9.

89, (445). APHOMIA.

Aphomia, *Hüb. V.* 369, 1816. *Zell. Isis*, 1848, p.
Melia (Gen. Plant.), *Curt.* v. fo. 201, 1827. *Step.* (*Cat.* ii. 213, 1829). *Guen.* (*Mi.* 70, 1845).
Lithosia, p., *Fab. E. S. Supp.* 460, 1798. *Haw. L. B.* 151, 1810.
Crambus, p., *Fab. E. S. Supp.* 469, 1798. *Haw. L. B.* 374, 1812.
Galleria, p., *Latr. G. I.* iv. 232, 1809. *Dup. Cat.* 325, 1846.
Ilithya, (Crambus colonum), *Latr. F. N.* 478, 1825. *Curt.* (*G.* 2 *edit.* 205, 1837).
Ilythia, *Step.* (*Cat.* ii. 213, 1829). *Id. H.* iv. 296, 1834.
Herminia, *Sam.* (*C. In.* 21, 1818).

1. APHOMIA SOCIELLA. The Green-shaded Honey Moth. B. M.

Ilythia sociella, *Step. H.* iv. 296, 1834. *Wood, I. E.* 207, t. 45, f. 1435, ♂, t. 46, f. 1436, ♀, 1838. *West. & H. M.* ii. 225, t. 114, f. 27, 1845.
Melia sociella, *Guen.* (*Mi.* 70, 1845).
Galleria colonella, *Zin. Som. Germ. M.* iv. 238, 1821. *Treit. E. S.* ix. 1, 46, 1832. *Dup. L. F.* xii. 251, t. 282, f. 6, *a.* ♂. f. *b.* ♀. 1836. *Evers. F. V. U.* 538, 1844.
Galleria tribunella, *Treit.* (*E. S.* viii. 292, 1830).
Ilithya colonella, *Curt.* (*G.* 2 *edit.* 205, 1837).
Aphomia colonella, *Zell. Isis*, 1846. *Stain.* (*Cat. Tin.* 3, 1851).
♂ Phalæna (Tinea) sociella, *Lin. S. N.* i. 534, 1758. *Id. F. S.* 2 *edit.* 353, 1761. *Clerck, Ic.* t. 3, f. 11, 176. *Lin. S. Nat.* i. 11, 883, 1764. *Gmel. S. N.* i. 5, 2585, 1788. *Vill. E. L.* ii. 453, 1789. *Turt. Gm.* iii. 361, 1806.
Tinea sociella, *Fab. S. E.* 656, 1775. *Id. Sp. I.* ii. 289, 1781. *Id. M.* ii. 240, 1787. *Id. E. S.* iii. 2, 288, 1794.
Lithosia socia, *Fab. E. S. Supp.* 460, 1798. *Haw. L. B.* 151, 1810.
Melia socia, *Curt.* (*B. E.* v. fo. 201, 1829). *Step.* (*Cat.* ii. 213, 1829).

Melia sociella, *Curt.* (*G.* 177, 1831).
Tinea tribunella, *Schiff.* (*W. V.* 319, 1776). *Id. Illig.* ii. 81, 1801. *Goëtz. E. B.* iii. 140, 1783. *Hüb. Ti.* t. 4, f. 22, 1800. *Schr. F. B.* ii. 2, 99, 1802. *Charp. Züns.* 102, 1821.
Aphomia socialis, *Hüb.* (*V.* 369, 1816).
Noctua sociana, *Haw.* (*Pr.* 13, 1802).
Herminia socia, *Sam.* (*I.* 21, 1818).
♀ Phalæna (Tinea) colonella, *Lin. S. N.* i. 534, 1758. *Id. F. S.* 2 *edit.* 353, 1761. *Clerck, Ic.* t. iii. f. 8, 176. *Lin. S. Nat.* i. 2, 883, 1764. *Gmel. S. N.* i. 5, 2586, 1788. *Vill. E. L.* ii. 454, 1789. *Müll. L. D. Pr.* 133, 1786. *Don. B. I.* viii. 28, t. 263, f. 2, 1799. *Stew. E.* ii. 196, 1802. *Turt. Gm.* iii. 361, 1836. *Goëtz. E. B.* iii. 78, 1783.
Tinea colonella, *Fab. E. S.* 655, 1775. *Schiff.* (*W. V.* 133, 1776. *Id. Illig.* ii. 81, 1801. *Fab. Sp.* ii. 289, 1781. *Id. M.* ii. 240, 1787. *Rossi, F. E.* ii. 204, 1790. *Id. Illig.* ii. 328, 1807. *Id. S. E.* iii. 2, 288, 1794. *Hüb. Ti.* t. 4, f. 23, 1800. *Schr. F. B.* ii. 2, 99, 1802. *Charp. Züns.* 101, 1821.
Aphomia colonalis, *Hüb.* (*V.* 369, 1816).
Ilithya colonella, *Curt.* (*B. E.* v. fo. 201, 1829).
Ilythia colonella, *Step.* (*Cat.* ii. 213, 1829).
Crambus coloneum, *Fab. E. S. Supp.* 469, 1798. *Latr. G. I.* iv. 232, 1809.
Galleria colonella, *Latr. G. I.* iv. 232, 1809.
Noctua colonina, *Haw.* (*Pr.* 13, 1802).
Crambus colonatus, *Haw. L. B.* 374, 1812.
Herminia colonalis, *Sam.* (*I.* 21, 1818).

90, (446). MELISSOBLAPTES.

Melissoblaptes, *Zell. Isis*, 1848, p. 578. *Stain.* (*Cat. Tin. Supp.* 1, 1851).
Galleria, p., *Zin. Som. Germ. M.* iv. 242, 1821.

1. Melissoblaptes bipunctanus.* The Double Spot.

Galleria Anella, *Zin. Som. Germ. Mag.* iv. 242, 1821. *Treit. E. S.* ix. 1, 44, 1832.
Melissoblaptes bipunctanus, *Zell. Isis*, 1848, p. 579. *Stain.* (*Cat. Tin. Supp.* 1, 1851).

Sub-Family IV. CRAMBIDI.

Crambidi, *Guen.* (*Mi.* 86, 145).
Crambidæ, *Dup. C.* 313, 1846.

91, (447). PLATYTES.

Platytes, *Guen.* (*Mi.* 86, 1845).
Thisanotia, p., *Hüb.* (*V.* 367, 1816).
Palparia, p., *Haw. L. B.* 491, 1812.
Crambus, p., *Step.* (*Cat.* ii. 219, 1829).
Chilo, p., *Zin. Som. Germ. M.* ii. 66, 1817.
Botys, p., *Dup. L. F.* x. 377, 1831.

1. PLATYTES CERUSSELLUS. The Dwarf Veneer. B. M.

Chilo Cerussellus, *Zin. Som. Germ. M.* iv. 257, 1820. *Treit.* (*E. S.* viii. 294, 1830). *Id.* ix. 1, 88, 1832.
Thisanotia Auriferalis, *Hüb.* (*V.* 467, 1816).
Chilo auriferellus, *Zin. Som. Germ. M.* ii. 66, 1817.
Crambus auriferellus, *Step.* (*Cat.* ii. 219, 1829).
Crambus cerussellus, *Step. Il* iv. 324, 1834. *Zell. Isis*, 1839, p. 173. *Dup.* (*C.* 316, 1846). *Stain.* (*Cat. Tin.* 1, 1849).
Platytes cerussellus, *Guen.* (*Mi.* 86, 1845).
♂ Tinea cerussella, *Schiff.* (*W. V.* 135, 1776). *Id. Illig.* ii. 88, 1802. *Goetz. E. B.* iii. 129, 1783. *Charp. Züns.* iii. 1821.
Crambus cerusellus, *Curt.* (*G.* 2 *edit.* 206, 1837). *Wood, I. E.* 217, t. 47, f. 1502, 1838. *West. & H. M.* ii. 239, t. 116, f. 35, 1845.
Tinea auriferella, *Hüb. Ti.* t. 9, f. 62, 1800.
Palparia aurifera, *Haw. L. B.* 491, 1812.
Crambus auriferus, *Curt.* (*B. E.* iii. fo. 109, 1827).
Crambus auriferellus, *Curt.* (*G.* 178, 1831. *Id.* (2 *edit.* 207, 1837).
♀ Tinea quadrella, *Schiff.* (*W. V.* 135, 1776). *Id. Illig.* 88, 1802. *Goetz. E. B.* iii. 129, 1783. *Charp. Züns.* iii. 1821.

Crambus quadrellus, *Dup. L. F.* xii. 65, f. 292, 1836.
Tinea barbella, *Hüb. Ti.* t. 9, f. 61, 1800.
Palparia barbella, *Haw. L. B.* 490, 1812.
Crambus barbus, *Curt.* (*B. E.* iii. fo. 109, 1827).
Crambus barbellus, *Curt.* (*G.* 178, 1821).
Var. ♀. Palparia pygmæa, *Haw. MSS.*
Crambus pygmæus, *Step.* (*Cat.* ii. 219, 1829). *Id. H.* iv. 324, 1834. *Wood*, (*I. E.* 217, t. 47, f. 1503, 1838). *Curt.* (*G.* 178, 1831). *Id.* 2 *edit.* 206, 1837. *West.& H. M.* ii. 240, t. 116, f. 36, 37, 1845.
Var. *a.* Botys Nemausalis, *Dup. L. F.* v. 377, t. 236, f. 7, 1831.

92, (448). EROMENE.

Eromene, *Hüb. V.* 366, 1816. *Zell. Isis*, 1848, p.
Palparia, p., *Haw. L. B.* 436, 1812.
Oncocera, B., *Step.* (*Cat.* ii. 217, 1829).
Phycis, p., *Treit. E. S.* ix. 1, 200, 1832.
Araxes, *Step. H.* iv. 316, 1834.
Euchromius, p., *Guen.* (*Mi.* 86, 1845).

1. EROMENE OCELLEA. The Necklace Veneer.

Palparia ocellea, *Haw. L. B.* 436, 1812.
Crambus ocellea, *Sam* (*I.* 13, 1818).
Oncocera ocellea, *Step.* (*Cat.* ii. 217, 1829). *Curt.* (*G.* 178, 1831). *Wood, I. E.* 214, t. 47, f. 1480. *West. & H. M.* ii. 234, t. 115, f. 40, 1845.
Araxes ocellea, *Step. H.* iv. 316, 1834.
Abraxes ocellea, *Curt.* (*G.* ii. 209, 1837).
Phycis funiculella, *Treit. E. S.* ix. 1, 200, 1832. *Ewers. F. V. U.* 562, 1844.
Crambus? Cyrilliella, *Costa*, *Lep. N.* t. f. 1832.
Eromene Cyrilli, *Zell. Isis*, (1839, p. 175). *Id.* 1848, p. *Dup.* (*Cat.* 319, 1846).
Euchromius funiculellus, *Guen.* (*Mi.* 86, 1845).
Crambus Cyrilli, *H.-Schæff. Ti.* t. 20, f. 144 ♂, f. 145 ♀. 184 .

93, (449). CRAMBUS.

Crambus, *Fab. E. S. Supp.* 464, 1798. *Leach, E. E.* ix. 135. 1815. *Curt. B. E.* iii. fo. 109, 1827. *Zell. Isis*, 1839, p. 248. *Guen.* (*Mi.* 87, 1845). *Dup.* (*Cat.* 314, 1846. *Stain.* (*Cat. Tin.* 1, 1849).
Palparia, p., *Haw. L. B.* 487, 1812.
Chilo, p., *Zin. Som. Germ. M.* iii. , 1818.
Trichostoma, *Zin. Som.* (*olim*).
Agriphila, p., *Hüb.* (*V.* 365, 1816).

A. THISANOTIA.

Thisanotia, p., *Hüb.* (*V.* 367, 1816).

1. CRAMBUS RORELLUS. The Chalk-pit Veneer.

Phalæna (Tinea) rorella, *Lin. S. Nat.* i. 2, 886, 1764. *Gmel. S. N.* i. 5, 2590, 1788. *Vill. L. E.* ii. 461, 1789. *Goetz. E. B* iii. 88, 1783. *Brahm, I. K.* ii. 1, 498, 1792.
Tinea rorella, *Rossi, F. E.* ii. 205, 1790. *Id. Illig.* ii. 330, 1807. *Treit. Heulf.* 393, 1834.
Chilo rorellus, *Zin. Som. Germ. M.* ii. 68, 1817.
Crambus rorellus, *Step.* (*Cat.* ii. 220, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 326, 1834. *Curt.* (*G.* 2 *edit.* 206, 1837). *Treit.* (*E. S.* viii. 294, 1830). *Id.* ix. 1, 89, 1832. *Wood, I. E.* 218, t. 48, f. 1509. *Dup. L. F.* xii. 73, t. 269, f. 5, ♂, ♀, 1836. *Zell.* (*Isis*, 1839, p. 173). *Bert. Lep. Bon.* 191, 1844. *West. & H. M.* ii. 238, t. 116, f. 20, 1845. *Guen.* (*Mi.* 93, 1845). *Dup.* (*Cat.* 316, 1846). *Stain.* (*Cat. Tin.* 1, 1849).
Thisanotia Roralis, *Hüb.* (*V.* 367, 1816).
Phalæna (Tinea) Craterella, *Scop.? E. C.* 246, 1763.
Tinea linetella, *Fab. Sp. I.* ii. 291, 1781. *Id. M.* ii. 242, 1787. *Id. E. S.* iii. 2, 292, 1794.
Phalæna (Tinea) linetella, *Gmel. Syst. N.* i, 5, 2588, 1788.
Crambus lineatus, *Fab. E. S. Supp.* 470, 1798.
Tinea chrysonuchella, *Hüb. Ti.* t. 7, f. 43, 1800.
Crambus chrysonuchellus, *Curt.* (*B. E.* iii. fo. 109, 1827).

2. CRAMBUS CHRYSONUCHELLUS. The Powdered Veneer. B. M.

Phalæna (Tinea) chrysonuchella, *Scop. E. C.* 246, 1763. *Brahm, I. K.* ii. 1, 499, 1790.
Thisanotia Chrysonuchalis, *Hüb.* (*V.* 367, 1816).
Chilo chrysonuchellus, *Zin. Som. Germ. M.* ii. 69, 1817. *Treit.* (*E. S.* viii. 294, 1830). *Id.* ix. 1, 91, 1832.
Crambus chrysonuchellus, *Step.* (*Cat.* ii. 220, 1829). *Id. H.* iv. 325, 1834. *Dup. L. F.* xii. 75, t. 269, f. 6, 1836. *Wood, I. E.* 217, t. 48, f. 1508, 1839. *Zell.* (*Isis*, 1839, p. 173). *Bert. Lep. Bon.* 191, 1844. *West. & H. M.* ii. 237, t. 116, f. 19, 1845. *Guen.* (*Mi.* 93, 1845). *Dup.* (*Cat.* 316, 1846). *Stain.* (*Cat.* 1, 1849).
Tinea chrysonuchella, *Treit. Heulf.* 393, 1834.
Tinea campella, *Hüb. Ti.* t. 7, f. 44, 1800. *Haw.* (*Pr.* 36, 1802).
Palparia campea, *Haw. L. B.* 489, 1812.
Crambus campellus, *Curt.* (*G.* 178, 1831). *Id.* (2 *edit.* 206, 1837).

B. ARGYROTEUCHIA.

Argyroteuchia, p., *Hüb. V.* 364, 1816.

3. CRAMBUS FALSELLUS. The Checquered Veneer. B. M.

Tinea falsella, *Schiff.* (*W. V.* 134, 1776). *Id. Illig.* ii. 86, 1802. *Fab. M.* ii. 243, 1787. *Id. E. S.* iii. 2, 295, 1794. *Hüb. Ti.* t. 5, f. 30, 1800. *Schr. F. B.* ii. 2, 103, 1802. *Turt. Gm.* ii. 365, 1806. *Charp. Züns.* 109, 1821. *Treit. Heulf.* 394, 1834.
Phalæna (Tinea) falsella, *Gmel. S. Nat.* i. 5, 2590, 1788. *Vill. Ent. L.* iv. 537, 1789. *Goetz. E. B.* iii. 129, 1783.
Argyroteuchia Falsalis, *Hüb.* (*V.* 364, 1816).
Chilo falsellus, *Zin. Som. Germ. M.* ii. 80, 1817. *Treit.* (*E. S.* viii. 294, 1830). *Id.* ix. 1, 105, 1832. *Zett. Ins. Lap.* 994, 1840.
Palparia falsa, *Haw. L. B.* 488, 1812.
Crambus falsa, *Sam.* (*I.* 13, 1818).

Crambus falsellus, *Step.* (*Cat.* ii. 220, 1829). *Id. H.* iv. 326, 1834. *Wood, I. E.* 218, t. 48, f. 1510, 1838. *Dup. L. F.* xii. 77, t. 270, f. 2, 1836. *Zell.* (*Isis*, 1839, p. 173). *Guen.* (*Mi.* 87, 1845). *Dup.* (*Cat.* 316, 1846). *Stain.* (*Cat. Tin.* 1, 1849). *West. & H. M.* ii. 238, t. 116, f. 21, 1845.
Tinea abruptella, *Thun. Diss.* (*Wenner*), 83, f. 2, 1794.

C. ANCYLOLOMIA.

Ancylolomia, *Hüb.* (*V.* 363, 1816).

4. CRAMBUS TENTACULELLA. The Portland Veneer.

Tinea tentaculella,, *Hüb. Ti.* t. 33, f. 230, 1800.
Ancylolomia Tentalis, *Hüb.* (*V.* 363, 1816).
Chilo tentaculellus, *Zin. Som. Germ. M.* ii. 45, 1817. *Treit.* (*E. S.* viii. 293, 1830). *Id.* ix. i. 70, 1832.
Palparia tentaculea, *Haw. L. B.* 487, 1812.
Crambus tentaculellus, *Curt.* (*B. E.* iii. fo. 109, 1827). *Step.* (*Cat.* ii. 218, 1829). *Id. H.* iv. 319, 1834. *Curt.* (*G.* 178, 1831). *Id.* (2 *edit.* 206, 1837). *Dup. L. F.* xii. 44, t. 268, f. 4, ♂, f. 5, ♀, 1836. *Zell.* (*Isis*, 1839, p. 171). *Guen.* (*Mi.* 87, 1845). *Dup.* (*Cat.* 314, 1846).

D. ARGYROTECNA.

Argyroteuchia, p., *Hüb. V.* 364, 1816.

5. CRAMBUS PRATELLUS. The Dark Inlaid Veneer. B. M.

Phalæna (Tinea) pratella, *Lin. S. N.* i. 535, 1758. *Cl. Ic.* t. 3, f. 14, 1759. *Lin. F. S.* 2. *edit.* 355, 1761. *Id. S. Nat.* i. 2, 886, 1764. *Müll. F. Fr.* 55, 1764. *Id. Zool. D. Pr.* 134, 1786. *Fuess. Schw. I.* 24, 1775. *Goëtz. E. B.* iii. 86, 1783. *Gmel. S. N.* i. 5, 2590, 1788. *Stew.* (*El.* ii. 197, 1802). *Turt. Gm.* iii. 364, 1806.

Tinea pratella, *Fab. E. S.* 658, 1775. *Id. Sp. Ins.* ii. 292, 1781. *Id. M.* ii. 242, 1787. *Rossi, F. E.* ii. 204, 1790. *Id. Illig.* ii. 329, 1807. *Fab. S. E.* iii. 2, 294, 1794. *Haw.* (*Pr.* 36, 1802). *Hüb. Ti.* t. 60, f. 401, 1814? *Charp.? Zins.* 113, 1821. *Treit. Heulf.* 392, 1834. *Reich. Schm.* 145, 1852.

Crambus pratorum, *Fab. E. S. Supp.* 471, 1798. *Walck. F. P.* ii. 313, 1802. *Leach*, (*E. E.* ix. 135, 1815). *Sam.* (*I.* 13, 1818). *Zell. Isis*, 1839, p.

Argyroteuchia Pratalis, *Hüb.* (*V.* 364, 1816).

Chilo Pratellus, *Zin. Som. Germ. M.* ii. 56, 1817. *Treit.* (*E. S.* viii. 293, 1830). *Id.* ix. 1, 81, 1832. *Evers. F. V. U.* 542, 1844. *Zett. Ins. Lap.* 993, 1840.

Crambus pratensis, *Latr. teste Dup. C. l. c.*

Palparia pratea, *Haw.* (*L. B.* 488, 1812).

Crambus pratellus, *Step.* (*Cat.* ii. 218, 1829). *Id. H.* iv. 321, 1834. *Curt.* (*G.* 178, 1831). *Id.* (2 *edit.* 206, 1837). *Wood, I. E.* 216, t. 47, f. 1495, 1838. *West. & H. M.* ii. 236, t. 116, f. 11, 1845. *Dup. L. F.* xii. 54, t. 269, f. 3, *a*—*c.* 1836. *Stain.* (*Cat. Tin.* 1, 1849). *Guen.* (*Mi.* , 1845). *Dup.* (*Cat.* 315, 1846).

Var. ♀. Crambus angustellus, *Step.* (*Cat.* ii. 218, 1829). *Id. H.* iv. 322, 1834. *Wood, I. E.* 216, t. 47, f. 1496, 1838. *West. & H. M.* ii. 237, t. 116, f. 12, 1845.

Var. ♂. Crambus Ericellus, *Wood, I. E.* 215, t. 47, f. 1494, 1836 (not *Hüb.*).

6. Crambus Dumetellus. The Hook-streak Veneer. B. M.

Tinea Dumetella, *Hüb. Ti.* t. 58, f. 389, ♂, f. 390, ♀, 1814?

Chilo Dumetellus, *Zin. Som. Germ. M.* ii. 54, 1817. *Treit.* (*E. S.* viii. 293, 1830). *Id.* ix. 1, 80, 1832.

Crambus Dumetellus, *Step.* (*Cat.* ii. 218, 1829). *Curt.* (*G.* 178, 1831). *Id.* (2 *edit.* 206, 1837). *Step. H.* iv. 321, 1834. *Dup. L. F.* xii. 52, t. 269, f. 2, 1836. *Zell. Isis*, 1839. *Wood, I. E.* 215, t. 47, f. 1493. *West. & H. M.* ii. , t. f, . *Guen.* (*Mi.* 88, 1845). *Dup.* (*Cat.* 315, 1846). *Stain.* (*Cat. Ti.* 1, 1849).

Tinea Pratella, *Hüb.? Ti.* t. 5, f. 29, 1800.

Agriphila Pratalis, *Hüb.* (*V.* 365, 1816).

Phalæna (Tinea) pascuella, *Scop.? E. C.* 244, 1763.

Argyroteuchia Dumetalis, *Hüb.* (*V.* 364, 1816).

Argyroteuchia Saltalis, *Hüb.?* (*V.* 364, 1816).

7. CRAMBUS ERICELLUS. The Heath Veneer. B. M.

Tinea Ericella, *Hüb. Ti.* t. 54, f. 371, 1814?
Argyroteuchia Ericalis, *Hüb.* (*V.* 364, 1816).
Chilo Ericellus, *Zin. Som. Germ. M.* ii. 52, 1817. *Treit.* (*E. S.* viii. 293, 1830). *Id.* ix. 1, 77, 1832.
Crambus Ericellus, *Step.* (*Cat.* ii. 218, 1829). *Curt.?* (*G.* 178, 1829). *Step. H.* iv. 321, 1834. *Curt.?* (*G.* 2 *edit.* 206, 1837). *West. & H. M.* ii. pl. 116, f. 10. *Guen.* (*Mi.* 88, 1845). *Dup.* (*Cat.* 315, 1846). *Stain.* (*Cat. Tin.* 1, 1849).

8. CRAMBUS SYLVELLUS. The Wood Veneer. B. M.

Tinea Sylvella, *Hüb. Ti.* t. 54, f. 369, ♂, f. 370, ♀, 1814.
Argyroteuchia Adippalis, *Hüb.* (*V.* 364, 1816).
Chilo Adippellus, *Zin. Som. Germ. M.* ii. 47, 1817. *Treit.* (*E. S.* viii. 293, 1830). *Id.* ix. 1, 73, 1832.
Crambus sylvellus, *Curt.* (*G.* 2 *edit.* 206, 1837). *Zell. Isis*, 1838, p. . *Stain.* (*Cat. Tin.* 1, 1849).
Crambus Adippellus, *Dup. L. F.* xii. 48, t. 269, f. 4, 1836. *Guen.* (*Mi.* 88, 1845). *Dup.* (*Cat.* 315, 1846).

9. CRAMBUS HAMELLUS. The Pearl-streak Veneer. B. M.

Tinea Hamella, *Thun. Diss.* (*Wenner*), 84, t. adj. f. 3, 1794.
Crambus Hamellus, *Step.* (*Cat.* ii. 218, 1829). *Curt.* (*G.* 178, 1829). *Step. H.* iv. 320, 1834. *Wood, I. E.* 215, t. 47, f. 1491, 1838. *Curt.* (*G.* 2 *edit.* 206, 1837). *Zell.* (*Isis*, 1838, p. . *Stain.* (*Cat. Tin.* 1, 1849). *West. & H. M.* ii. pl. 116, f. 7.
Palparia baccæstria, *Haw. L. B.* 488, 1812.
Tinea ensigerella, *Hüb. Ti.* t. 54, f. 367, 1814.
Argyroteuchia Ensigeralis, *Hüb.* (*V.* 364, 1816).
Chilo Ensigerellus, *Zin. Som. Germ. M.* ii. 53. 1817. *Treit.* (*E. S.* viii. 293, 1830). *Id.* ix. 1, 79, 1834.
Crambus ensigerellus, *Dup. L. F.* xii. 57, t. 275, f. 5, 1836. *Guen.* (*Mi.* 88, 1845). *Dup.* (*Cat.* 315, 1846). *Stain. Cat. Tin.* 1, 1849).

10. CRAMBUS PASCUELLUS. The Inlaid Veneer. B. M.

Phalæna (Tinea) pascuella, *Lin. S. N.* i. 535, 1758. *Id. F. S.* 355, 1761. *Scop.?* *E. C.* 244, 1763. *Lin. S. Nat.* i. 11, 886, 1764. *Müll. T. F.* 55, 1764. *Müll. L. D. Pr.* 134, 1786. *Goetz. E. B.* iii. 85, 1783. *Gmel. S. N.* i. 5, 2590, 1788. *Vill. E. L.* ii. 460, 1789. *Brahm, I. K.* ii. 487, 1791. *Schr. F. B.* ii. 2, 100, 1802. *Stew. E.* ii. 197, 1802. *Turt. Gen.* iii. 365, 1806.

Tinea pascuella, *Fab. S. E.* 658, 1775. *Schiff.?* (*W. V.* 134, 1776). *Id. Illig.* ii. 82, 1801. *Fab. Sp. I.* ii. 292, 1781. *Id. M.* ii. 243, 1787. *Rossi, F. E.* ii. 204, 1790. *Id. Illig.* ii. 329, 1807. *Fab. E. S.* iii. 2, 295, 1794. *Hüb. Ti.* t. 5, f. 31, 1800. *Haw.* (*Pr.* 36, 1802). *Charp. Zins.* 103, 1821. *Treit. Heulf.* 392, 1834.

Palparia pascuea, *Haw. Lep. B.* 488, 1812.

Argyroteuchia Pascualis, *Hüb.* (*V.* 364, 1816).

Chilo pascuella, *Zin. Som. Germ. Mag.* ii. 49, 1817. *Treit.* (*E. S.* viii. 293, 1830). *Id.* ix. 1, 75, 1834. *Zett. I. L.* 993, 1840.

Crambus pascuum, *Fab. E. S. Supp.* 471, 1798. *Walck. F. P.* ii. 313, 1802.

Crambus pascuorum, *Leach*, (*E. E.* ix. 135, 1815). *Sam.* (*I.* 13, 1818).

Crambus pascuellus, *Step.* (*Cat.* ii. 218, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 320, 1834. *Curt.* (*G.* 2 *edit.* 206, 1837). *Wood, I. E.* 215, t. 47, f. 1492. *West. & H. M.* ii. 236, t. 116, f. 8. *Dup. L. F.* xii. 50, t. 269, f. 1, 1836. *Zell. Isis*, 1838, p. . *Guen.* (*Mi.* 88, 1845). *Dup.* (*Cat.* 315, 1846). *Stain.* (*Cat. Tin.* 1. 1849).

Var. *a*. Chilo pascella, *Ahr. F.* iii. f. 16, 1815.

11. CRAMBUS ULIGINOSELLUS. The Marsh Veneer.

Crambus Uliginosellus, *Zell. Zeits. Bres. Ver. L.* 34, *Stain. Pro. Ent. Soc.* 1850, p. 6. *Id. Cat. Ti. Supp.* 1, 1851.

E. CHRYSOTEUCHIA.

Chrysoteuchia, *Hüb. V.* 366, 1816.

12. CRAMBUS HORTUELLUS. The Garden Veneer. B. M.

Tinea Hortuella, *Hüb. Ti.* t. 7, f. 46, 1800.
Chilo Hortuellus, *Zin. Som. Germ. M.* ii. 62, 1817. *Treit.* (*E. S.* viii. 294, 1830). *Id.* ix. i. 84, 1832. *Zett. Ins. Lap.* 993, 1840. *Evers. F. V. U.* 543, 1844.
Crambus Hortuellus, *Step.* (*Cat.* ii. 218, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 322, 1834. *Curt.* (*G.* 2 *edit.* 206, 1837). *Wood, I. E.* 216, t. 47, f. 1479, 1845. *Dup. L. F.* xii. 68, t. 271, f. 1, *b.* 1836. *Zell. Isis*, 184 , p. . *Guen.* (*Mi.* 93, 1845). *Dup.* (*Cat.* 315, 1846). *Stain.* (*Cat. Tin.* 1, 1851).
Palparia hortuea, *Haw. L. B.* 490, 1812.
Chrysoteuchia Hortalis, *Hüb.* (*V.* 366, 1816).
Crambus hortorum, *Sam.* (*I.* 13, 1818).

Var. *a.* Tinea strigella, *Fab. Sp. I.* ii. 293, 1781. *Id. M.* ii. 244, 1787. *Id. E. S.* iii. 2, 297, 1794.
Phalæna (Tinea) strigella, *Gmel.? S. Nat.* i. 5, 2591, 1788. *Vill. E. L.* ii. 496, 1789. *Turt. Gen.* iii. 366, 1806.
Crambus strigatus, *Fab. E. S. Supp.* 472, 1798.
Tinea cespitella, *Hüb. Ti.* t. 7, f. 45, 1800.
Palparia cespitea, *Haw. L. B.* 490, 1812.
Chrysoteuchia Caricetalis, *Hüb.* (*V.* 466, 1816).
Crambus cespitis, *Sam.* (*I.* 13, 1818).
Crambus cespitellus, *Step.* (*C.* ii. 219, 1829. *Curt.* (*G.* 178, 1831). *Step. H.* iv. 322, 1834. *Curt.* (*G.* 2 *edit.* 206, 1837). *Wood, I. E.* 216, t. 47, f. 1498. *West. & H. M.* ii. pl. 116, f. 14 (Straw-coloured Veneer).
Tinea chrysonuchella, *Schiff.?* (*W. V.* 134, 1776). *Id.? Illig.* ii. 84, 1801. *Charp. Züns.* 104, 1821.
Chilo Hortuellus, var., *Zin. Som. Germ. M.* ii. 62, 1817. *Treit. E. S.* ix. 1, 84, 1832. *Dup. L. Fr.* xii. 69, t. 271, f. 1, *a.* 1836.

Var. *b.* Crambus montanellus, *Step.* (*Cat.* ii. 219, 1829). *Id. H.* iv. 323, 1834. *Wood, I. E.* 216, t. 47, f. 1499, 1838.

Var. *c.* Crambus marginellus, *Step.* (*Cat.* ii. 219, 1829). *Id. H.* iv. 323, 1834. *Wood, I. E.* 216, t. 47, f. 1500, 1838.

F. EXORIA.

Exoria, *Hüb. V.* 367, 1816.

B. M.

13. CRAMBUS CULMELLUS. The Small Straw-coloured Veneer.

Phalæna (Tinea) Culmella, *Lin. S. N.* i. 535, 1758. *Id. F. S.* 2 *edit.* 355, 1761. *Scop. E. C.* 246, 1763. *Lin. S. Nat.* i. 2, 886, 1764. *Vill. E. L.* ii. 461, 1789. *Fuessl. S. In.* 42, 1775. *Müll. L. D. Pr.* 154, 1786.
Tinea Culmella, *Goëtz. E. B.* iii. 87, 1783.
Chilo Culmellus, *Zin. Som. Germ. M.* ii. 70, 1817. *Treit.* (*E. S.* viii. 294, 1830). *Id.* ix. 1, 93, 1832. *Zett. Ins. Lap.* 994, 1840.
Crambus Culmellus, *Step.* (*Cat.* ii. 219, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 323, 1834. *Dup. L. F.* xii. 71, t. 271, f. 2, 1836. *Curt.* (*G.* 2 *edit.* 206, 1837). *Wood, I. E.* 217, t. 47, f. 1501, 1839? *West. & H. M.* ii. 239, pl. 116, f. 34. *Guen.* (*Mi.* 92, 1845). *Evers. F. V. U.* 544, 1844. *Zell. Isis*, 1848. *Dup.* (*Cat.* 316, 1846). *Stain.* (*Cat. Tin.* 2, 1851).
Tinea straminella, *Hüb. Ti.* t. 7, f. 49, 1800. *Haw.* (*Pr.* 36, 1802).
Palparia striga, *Haw. L. B.* 490, 1812.
Exoria Culmalis, *Hüb.* (*V.* 367, 1816).
Reaum. M. i. t. 17, f. 13, 14.

14. CRAMBUS PEDRIOLELLUS. The Coast Veneer.

Crambus Pedriolellus, *Dup. L. Fr.* xii. 134, t. 27, f. 6, 1836. *Guen. Ann. E. S. Fr.* 1845, p. 329. *Id.* (*Mi.* 91, 1845). *Dup.* (*Cat.* 318, 1846). *Zell. Isis*, p. . *Stain.* (*Cat. Tin.* 2, 1851).
Tinea spuriella, *Hüb.? Ti.* t. 71, f. 471, 183 .
Chilo aridellus, *Zin. Som.? Germ. M.* ii. , 1817.

G. PEDIASIA.

Pediasia, *Hüb. V.* 365, 1816.

15. CRAMBUS INQUINATELLUS. The Barred Veneer. B. M.

Tinea inquinatella, *Schiff.* (*W. V.* 134, 1776). *Id. Illig.* ii. 85, 1801. *Goëtz. E. B.* iii. 128, 178 . *Hüb. Ti.* t. 8, f. 54, 1800. *Charp. Züns.* 106, 1821. *Treit. Heulf.* 394, 1834.
Chilo inquinatellus, *Zin. Som. Germ. M.* ii. 103, 1817. *Treit.* (*E. S.* viii. 295, 1830). *Id.* ix. 1, 121, 1832.
Crambus inquinatellus, *Stain.* (*Cat. Tin.* 2, 1851).
Pediasia Inquinatalis, *Hüb.* (*V.* 365, 1816).
Palparia rorea, *Haw. L. B.* 489, 1812.
Crambus rosea, *Sam.* (*I.* 13, 1818).
Crambus luteellus, *Step.* (*Cat.* ii. 220, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 218, 1834. *Id.* (2 *edit.* 206, 1837). *Wood, I. E.* 218, t. 48, f. 1511.

16. CRAMBUS GENICULEUS. The Elbow-striped Veneer. B. M.

Palparia geniculea, *Haw. L. B.* 488, 1812.
Crambus geniculeus, *Sam.* (*I.* 13, 1818). *Curt.* (*G.* 178, 1831). *Id.* (2 *edit.* 206, 1837). *Stain.* (*Cat. Tin.* 2, 1851).
Tinea inquinatella, *Haw. Pr.* 36, 1802.
Crambus inquinatellus, *Step.* (*Cat.* ii. 220, 1829). *Id. H.* iv. 327, 1834. *Wood, I. E.* 218, t. 48, f. 1513.
Tinea immistella, *Hüb. Ti.* t. 53, f. 364, 1814.
Crambus immistellus, *Guen.* (*Mi.* 92, 1845).
Crambus angulatellus, *Dup. L. F.* xii. 118, t. 273, f. 1, 1836. *Dup.* (*Cat.* 318, 1846).
Crambus suspectellus, *Zell.* (*Isis*, p.).
Pediasia Immistalis, *Hüb.* (*V.* 365, 1816).
Phycis immistella, *Zin. Som. Germ. M.* iii. 146, 1818.
Tinea gramella, *Fab.?* *Sp. I.* ii. 294, 1781. *Id.?* *M.* ii. 245, 1787. *Id.?* *E. S.* iii. 2, 300, 1794.
Phalæna (Tinea) gramella, *Gmel.?* *S. Nat.* i. 5, 2592, 1788. *Id. E. L.* *Turt.?* *Gmel.* iii. 367, 1806.

17. CRAMBUS ARIDELLUS. The Waste Veneer. B. M.

Tinea aridella, *Thunb. Diss.* (*Wenner*), 83, t. adj. f. 1, 1794.
Crambus aridellus, *Step.* (*Cat.* ii. 220, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 327, 1834. *Wood, I. E.* 218, t. 48, f. 1514. *Curt.* (*G.* 2 *edit.* 206, 1837).
Chilo aridellus, *Zin. Som. Germ. M.* iii. 115, 1818.
Tinea contaminella, *Hüb.*? *Ti.* t. 9, f. 59, 1800.
Chilo contaminellus, *Zin. Som.*? *Germ. M.* ii. 107, 1817. *Treit.*? (*E. S.* viii. 295, 1830). *Id.*? ix. i. 124, 1834.
Crambus contaminellus, *Dup.*? *L. F.* xii. 273, t. 283, f. 4, 1836. *Guen.*? (*Mi.* 92, 1845). *Dup.*? (*Cat.* 318, 1846). *Stain.* (*Cat. Tin.* 2, 1851).
Pediasia Contaminalis, *Hüb.*? (*V.* 365, 1816).

H. AGRIPHILA.

Agriphila, *Hüb. V.* 365, 1816.

18. CRAMBUS SELASELLUS. The Pale Streaked Veneer. B. M.

Tinea selasella, *Hüb. Ti.* t. 60, f. 405, ♂, f. 406, ♀, 1815?
Agriphila Selasalis, *Hüb.* (*V.* 365, 1816).
Chilo selasellus, *Zin. Som. Germ. M.* ii. 92, 1817. *Treit.* (*E. S.* 295, 1830). *Id.* ix. 1, 119, 1834.
Crambus selasellus, *Step.* (*Cat.* ii. 220, 1829). *Curt.* (*G.* 178, 1830). *Step. H.* iv. 328, 1834. *Dup. L. F.* xii. 104, t. 272, f. 3, 1836. *Curt.* (*G.* 2 *edit.* 206, 1837). *Wood, I. E.* 218, t. 48, f. 1525, 1839. *Bert. Lep. Bon.* 191, 1844. *Guen.* (*Mi.* 70, 1845). *Dup.* (*Cat.* 317, 1846). *Stain.* (*Cat. Tin.* 2, 1851).
Crambus pratellus, *Zell. Isis*, , p.
Var. *a*. Crambus obtusellus, *Step.* (*Cat.* ii. 220, 1829). *Id. H.* iv. 328, 1834. *Wood, I. E.* 219, t. 48, f. 1516.

19. CRAMBUS TRISTELLUS. The Common Veneer. B. M.

Tinea tristella, *Schiff.* (*W. V.* 134, 1776). *Id. Illig.* ii. 87, 1801. *Fab. M.* ii. 243, 1787. *Id. E. S.* iii. 2, 296, 1794, *Charp. Ziins.* 109, 1821.

Palparia tristis, *Haw. L. B.* 480, 1812.

Crambus tristellus, *Zell. Isis*, 18 , p. . *Guen.* (*Mi.* 90, 1845). *Dup.* (*C.* 317, 1846). *Stain.* (*Cat. Tin.* 2, 1849).

Crambus tristis, *Step.* (*C.* ii. 219, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 327, 1834. *Wood, I. E.* 218, t. 48, f. 1512. *Curt.* (*G.* 2 *edit.* 206, 1837). *West. & H. M.* ii. 238, t. 116 f. 23.

Tinea ferrugella, *Thunb. Diss.* (*Wenner*) 84, 1794.

Crambus mœrens, *Fab. E. S. Supp.* 473, 1798.

Tinea aquilella, *Hüb. Ti.* t. 8, f. 52, 1800. *Treit. Heulf.* 394, 1834. *Reich. Schm.* 145, 1852.

Agriphila Aquilalis, *Hüb.* (*V.* 365, 1816).

Chilo aquilellus, *Zin. Som. Germ. M.* ii. 88, 1817. *Treit.* (*E. S.* viii. 294, 1830). *Id.* ix. 1, 114, 1832.

Var. *a.* Crambus aquilellus, *Step.* (*Cat.* ii. 221, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 329, 1834. *Wood, I. E.* 219, t. 48, f. 1518. *Curt.* (*G.* 2 *edit.* 206, 1837). *West. & H. M.* ii. 239, t. 116, f. 29. *Dup. L. F.* xii. 106, t. 272, f. 5, 1836.

Var. *b.* Tinea culmella, *Fab. E. S.* iii. *b.* 295, 1794. *Haw.* (*Pr.* 36, 1802). *Hüb. Ti.* t. 60, f. 404, 1814?

Crambus Culmorum, *Fab. E. S. Supp.* 471, 1798. *Walck. F. P.* ii. 313, 1802. *Step.* (*Cat.* ii. 221, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 329, 1834. *Wood, I. E.* 219, t. 48, f. 1520. *Curt.* (*G.* 2 *edit.* 206, 1837). *West. & H. M.* ii. 239. t. 116, f. 31.

Palparia culmea, *Haw. L. B.* 485, 1812.

Crambus Culmorum, *Sam.* (*I.* 13, 1818).

Var. *c.* Tinea Culmella, *Schiff.?* (*W. V.* , 1776). *Id.?* (*Illig.* ii. , 1801). *Hüb. Ti.* t. 8, f. 50, 1800. *Haw.* (*Pr.* 36, 1802).

Palparia culmea, p., *Haw. L. B.* 485, 1812. Large brown-edged Veneer.

Var. *d.* Tinea paleella, *Hüb. Ti.* t. 8, f. 51, 1800. *Haw.* (*Pr.* 36, 1802).

Agriphila Exoletalis, *Hüb.?* (*V.* 365, 1816).

Crambus paleellus, *Step.* (*Cat.* ii. 221, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 329, 1834. *Wood, I. E.* 219, t. 48, f. 1519. *Curt.* (*G.* 2 *edit.* 206, 1837). *West. & H. M.* ii. 239, t. 116, f. 30.

Var. *e*. Tinea Pratella, *Schiff.* (*W. V.* 135, 1776). *Id. Illig.* ii. 89, 1801. *Brahm ?* *I. K.*

Var. *f*. Palparia petrificea, *Haw. L. B.* 485, 1812.
Crambus petrificea, *Sam.* (*I.* 13, 1818).
Crambus petrificellus, *Step.* (*Cat.* ii. 220, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 328, 1834. *Wood, I. E.* 219, t. 48, f. 1519.

Var. *a*, ♀. Crambus fuscelinellus, *Step.* (*Cat.* ii. 220, 1819). *Curt. G.* 178, 1831). *Step. H.* iv. 328, 1834. *Wood, I. E.* 219, t. 48, f. 1521. *Curt.* (*G.* 2 *edit.* 206, 1837).

Var. *b*. ♀. Crambus nigristriellus, *Step.* (*Cat.* ii. 221, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 330, 1834. *Wood, I. E.* 219, t. 48, f. 1522. *Curt.* (*G.* 2 *edit.* 206, 1837).

I. EUCARPHIA.

Eucarphia, *Hüb.* (*V.* 364, 1816).

20. CRAMBUS FURCATELLUS. The Northern Veneer. B. M.

Chilo furcatellus, *Zett. Ins. Lap.* 995, 1840.
Crambus Lapponicellus, *Guen. in litt. teste Stain.* (*Cat. Tin.* 2, 1849). *Dup. L. F.* 317 (1844). *Guen.* (*Mi.* 88, 1845). *Dup.* (*Cat.* 317, 1846).
Crambus radiellus, *Curt. B. E.* iii. t. 109, 1827. *Step.* (*Cat.* ii. 219, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 324, 1834. *Curt.* (*G.* 2 *edit.* 206, 1837). *Wood, I. E.* 217, t. 47, f. 1504. *West. & H. M.* ii. 240, t. 116, f. 38.

K. CATOPTRIA.

Catoptria, *Hüb.* (*V.* 364, 1816).

21. CRAMBUS MARGARITELLUS. The Pearl-streak Veneer. B. M.

Tinea margaritella, *Schiff. ?* (*W. V.* 134, 1776). *Id. ? Illig.* ii. 83, 1801. *Fab. M.* ii. 243, 1787. *Hüb. B.* ii. 28, 1787 ? *Gmel. S. Nat.* i. 5, 2590, 1788. *Vill. E. L.* iv. 537, 1789.

Goëtz. (*E. B.* iii. 128, 1783). *Fab. E. S.* iii: 2, 295, 1794. *Hüb. Ti.* t. 6, f. 39, 1800. *Schr. F. B.* ii, 2, 101, 1802. *Turt. Gm.* iii. 365, 1806. *Charp. Züns.* 103, 1821.

Crambus margaritaceus, *Fab. E. S. Supp.* 470, 1799. *Curt.* (*B. E.* iii. fo. 109, 1827).

Catoptria Eumargaritalis, *Hüb.* (*V.* 365, 1816).

Chilo margaritellus, *Zin. Som. Germ. M.* ii. 79, 1317. *Treit.* (*E. S.* viii. 294, 1830). *Id.* ix. 1, 102, 1832.

Crambus margaritellus, *Step.* (*Cat.* ii. 219, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 325, t. 40, f. 3, 1834. *Dup. L. F.* xii. 102, t. 272, f. 4, 1836. *Curt.* (*G.* 2 *edit.* 206, 1837). *Wood, I. E.* 217, t. 47, f. 1505, 1839. *West. & H. M.* ii. t. 240, f. 116, 39, 1845. *Bert. Lep. Bon.* 191, 1844. *Zell.* (*Isis*, 1838, p. . *Guen.* (*Mi.* 88, 1845). *Dup.* (*Cat.* 317, 1846). *Stain.* (*Cat. Tin.* 2, 1849).

22. CRAMBUS PINETELLUS. The Pearl Veneer. B. M.

Phalæna (Tinea) Pinella, *Lin. S. Nat.* i. 539, 1758. *Clerck, I.* t. 4, f. 15, 1759.

Phalena (Tinea) Pinetella, *Lin. F. S.* ii, 355, 1761. *Id. S. Nat.* i. 2, 886, 1764. *Müll. L. D. Pr.* 133, 1786. *Goetz. E. B.* iii. 358, 178 . *Gmel. S. N.* i, 5, 2589, 1788. *Vill. E. L.* ii. 849, 1789. *Don. Br. I.* viii. 27, t. 263, f. 1, 1799. *Stew. E. N. H.* ii. 97, 1802. *Turt. Gm.* iii. 364, 1806.

Phalæna (Tinea) virginella, *Scop.?* *E. C.* 246, 1763.

Tinea Pinetella, *Fab. S. E.* 657, 1775. *Schiff.* (*W. V.* 134, 1776). *Fab. Sp. I.* ii. 292, 1781. *Knoch, B.* i. t. 4, f. 7, 1781. *Fab. M.* ii. 242, 1787. *Pz. F. G.* i. t. 22, 1792. *Fab. E. S.* iii. 2, 294, 1794. *Charp.?* *Züns.* 104, 1821. *Treit. Heulf.* 393, 1834. *Reich. Schm.* 145, 1852.

Crambus Pineti, *Fab. E. S. Supp.* 470, 1798. *Leach*, (*E. E.* ix. 135, 1815). *Sam.* (*I.* 13, 1818).

Palparia Pineti, *Haw. L. B.* 487, 1812.

Tinea conchella, *Hüb. Ti.* t. 5, f. 38, 1800. *Haw.* (*Pr.* 36, 1802).

Catoptria Pinetalis, *Hüb.* (*V.* 365, 1816).

Chilo Pinetellus, *Zin. Som. Germ. M.* ii. 72, 1817. *Treit.* (*E. S.* viii. 294, 1830). *Id.* ix. 1, 94, 1832.

Crambus Pinetellus, *Step.* (*Cat.* ii. 219, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 323, 1834. *Dup. L. F.* xii. 96, t.

271, f. 3, 1836. *Curt.* (*G.* 2 *edit.* 206, 1837). *Zell. Isis*, 1838, p. . *Evers. F. V. U.* 545, 1844. *Guen.* (*Mi.* 89, 1845). *Dup.* (*Cat.* 316, 1846). *Stain.* (*Cat. Tin.* 2, 1849).

23. CRAMBUS LATISTRIUS. The Broad-streak Veneer. B. M.

Palparia latistria, *Haw. L. B.* 485, 1812.
Crambus latistrius, *Curt.* (*B. E.* iii. fo. 109, 1827). *Step.* (*Cat.* ii. 219, 1829). *Curt.* (*G.* 178, 1831). *Id.* (2 *edit.* 206, 1837). *Wood, I. E.* 217, t. 47, f. 1506. *West. & H. M.* ii. 237, t. 116, f. 17, 1845. *Stain.* (*Cat. Tin.* 2, 1849).
Chilo Leachellus, *Zin. Som. Germ. M.* iii. 114, 1818.
Crambus Leachellus, *Dup.* (*Cat.* 315, 1846).
Crambus Gueneellus, *Dup. L. F.* xii. , t. 283, f. 7, 1836. *Guen.* (*Mi.* 90, 1845). *Dup.* (*Cat.* 317, 1846).

L. SELAGIA.

Selagia, *Hüb. V.* 371, 1816.

24. CRAMBUS PERLELLUS. The White Satin Veneer. B. M.

Phalæna (Tinea) perlella, *Scop. E. C.* 243, 1763.
Tinea perlella, *Schiff.* (*W. V.* 134, 1776). *Id. Illig.* ii. 85, 1801. *Knoch.* ? *B.* i. 68, 1781. *Goetz. E. B.* iii. 142, 1783. *Hüb. Ti.* t. 6, f. 40, 1800. *Schr. F. B.* ii. 2, 102, 1802. *Lasp.* (*Ill. M.* iv. 17, 1804). *Treit. Heulf.* 395, 1834.
Selagia Perlalis, *Hüb.* (*V.* 371, 1816).
Chilo perlellus, *Zin. Som. Germ. M.* ii. 97, 1817. *Treit. E. S.* (viii. 295, 1830). *Id.* ix. 1, 129, 1832.
Crambus perlellus, *Dup. L. F.* xii. , t. 274, f. 2, 1836. *Zell. Isis*, 1838, p. . *Guen.* (*Mi.* 90, 1845). *Dup.* (*Cat.* 318, 1846). *Stain.* (*Cat. Tin.* 2, 1849).
Tinea argentella, *Fab.* ? *M.* 243, 1787. *Id.* ? *E. S.* iii. *b.* 296, 1794.
Crambus argenteus, *Fab. E. S. Supp.* 471, 1798.
Palparia argentea, *Haw. L. B.* 486, 1812.

Crambus argentellus, *Step.* (*Cat.* ii. 218, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 319, 1834. *Curt.* (*G.* 2 *edit.* 206, 1837). *Wood, I. E.* 215, t. 47, f. 1488. *West. & H. M.* ii. 236, t. 116, f. 4.

Var. *a.* Tinea dealbella, *Thun. Diss.* (*Wenner*), 84, 1794.
Crambus dealbellus, *Step.* (*Cat.* ii. 218, 1829). *Id. H.* iv. 319, 1834. *Wood, I. E.* 215, t. 47, f. 1489. *West. & H. M.* ii. 236, t. 116, f. 5.

Var. *b.* Palparia arbustea, *Haw. L. B.* 486, 1812. Yellow Satin Veneer.
Crambus Arborum, *Sam.* (*I.* 13, 1818).
Crambus Arbustorum, *Step.* (*Cat.* ii. 218, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 319, 1834. *Curt.* (*G.* 2 *edit.* 206, 1837). *Wood, I. E.* 214, t. 47, f. 1487. *West. & H. M.* ii. 235, f. 116, f. 3.

Var. *c.* Palparia argyrea, *Haw. L. B.* 486, 1812.
Crambus argyreus, *Step.* (*Cat.* ii. 218, 1829). *Curt.* (*G.* 178, 1831). *Step. H.* iv. 318, 1834. *Curt.* (*G.* 2 *edit.* 206, 1837). *Wood, I. E.* 214, t. 47, f. 1486. *West. & H. M.* ii. 235, t. 116, f. 2.

B. M.

25. CRAMBUS WARRINGTONELLUS. The Streaked Satin Veneer.

Crambus Warringtonellus, *Stain.* (*Cat. Ti.* 2, 1849). *Zell.*
Crambus Lythargyrellus, *Step.* (*Cat.* ii. 217, 1829). *Id. H.* iv. 318, 1834. *Curt.?* (*G.* 178, 1831). *Id.?* (2 *edit.* 206, 1837). *Wood, I. E.* 214, t. 47, f. 1485, 183 . *West. & H. M.* ii. 235, t. 116, f. 1.
Crambus perlellus, var. A. *Guen.?* (*Mi.* 90, 1845).

26. CRAMBUS LITHARGYRELLUS. The Brown Satin Veneer

Tinea lithargyrella, *Hüb. Ti.* t. 33, f. 227, 1800.
Selagia Lithargyralis, *Hüb.?* (*V.* 371, 1816).
Chilo lithargyrellus, *Zin. Som. Germ. M.* ii. 99, 1817. *Treit.* (*E. S.* viii. 295, 1830). *Id.* ix. 1, 128, 1832.
Crambus lithargyrellus, *Dup. L. F.* xii. 116, t. 274, f. 3, ♀, 1836. *Zell. Isis*, 1838, p. . *Evers. F. V. U.* 547, 1844. *Guen.* (*Mi.* 90, 1845). *Dup.* (*Cat.* 318, 1846). *Step.* (*Zool.* viii. 2958, 1850). *Stain.* (*Cat. Tin. Supp.* 1, 1851).
• Crambus deceptor, *Step. MSS.*

Sub-Family V. CHILIDI.

Chilidi, *Guen.* (*Mi.* 86, 1845).
Schœnobidæ, *Dup. C.* 311, 1844.
Crambiden, p., *Zell. Isis*, 1839.

94, (450). SCHŒNOBIUS.

Schœnobius, *Dup. C.* 312, (1844). *Guen.* (*Mi.* 95).
Chilo, A. *Zin. Som. Germ. M.* ii. . 1817. *Step.* (*Cat.* ii. 221, 1829). *Stain.* (*Cat. Tin.* 1, 1849).
Lithosia, p., *Fab. E. S. Supp.* 460, 1798.
Crambus, p., *Fab. E. S. Supp.* 473, 1798.
Palparia, p., *Haw. L. B.* 482, 1812.
Erioproctus, *Zell. Isis*, 1839, p.
Topeutis, p., *Hüb. V.* 366, 1816.

1. Schœnobius mucronellus. The Dark Hooktip Veneer.

Phalæna (Tinea) mucronella, *Scop. C.* 250, 1763. *Goetz. E. B.* iii. 145, 1783. *Vill. E. L.* iv. 538, 1789.
Tinea mucronella, *Schiff.* ? (*W. V.* 136, 1776).
Chilo mucronellus, *Charp. Züns.* 122, 1821. *Zin. Som. Germ. Mag.* iv. 257, 1821. *Treit.* (*E. S.* viii. 293, 1830). *Id.* ix. 1, 67, 1834. *Fisch.-v.-R. Mi.* t. 17, f. 2, 1835. *Evers. F. V. U.* 541, 1844. *Stain.* (*Cat. Tin.* 1. 1849).
Crambus mucronatus, *Fab.* ? *E. S. Supp.* 473, 1798.
Schœnobius mucronellus, *Dup. L. F.* xii. 265, t. 283, f. 1, *a*, ♂, *b*. ♀, 1836. *Guen.* (*Mi.* 95, 1845). *Dup.* (*Cat.* 313, 1846).
Erioproctus mucronellus, *Zell. Isis*, 1838, p.
♀ Tinea acuminella, *Hüb. Ti.* t. 41, f. 284, 1800.
Chilo acuminellus, *Ahr. F. E.* iii. t. 17, 1815. *Zin. Som. Germ. M.* ii. 42, 1817.
Topeutis Acuminalis, *Hüb.* (*V.* 366, 1816).
Chilo caudellus, *Curt.* ? (*B. E.* xvi. fo. 727, 1839).

2. SCHŒNOBIUS FORFICELLUS. The Pale Hooktip Veneer. B. M.

Tinea forficella, *Thun. Diss.* (*Wenner*), 85, t. adj. f. 4, 1794. *Charp. Züns.* 123, 1821.
Chilo forficellus, *Zin. Som. Germ. M.* iv. 257, 1821. *Step.* (*Cat.* ii. 221, 1829). *Treit. E. S.* ix. 1, 65, 1834. *Curt.* (*G.* 177, 1831). *Fisch.-v.-R.* . t. 17, f. 1, 1835. *Curt.* (*G.* 2 *edit.* 205, 1837). *Evers. F. V. U.* 540, 1844. *Stain.* (*Cat. Tin.* 1, 1849).
Schœnobius forficellus, *Dup. L. F.* xii. 29, t. 268, f. 1, *a.* ♂, *b.* ♀, 1835. *Guen.* (*Mi.* 95, 1845). *Dup.* (*Cat.* 312, 1846).
Erioproctus forficellus, *Zell. Isis*, 1838, p.
♂ Tinea consortellus, *Hüb. Ti.* t. 32, f. 220, 1800.
Palparia consorta, *Haw. Lep. B.* 483, 1812. The Aquatic Veneer.
Crambus consorta, *Sam.* (*I.* 13, 1818).
Chilo mucronellus, *Zin. Som. Germ. M.* ii. 39, 1817.
Chilo forficellus, *Step. H.* iv. 331, 1834. *Wood, I. E.* 219, t. 48, f. 1523, 183 . *Curt.* (*G.* 2 *edit.* 205, 1837). *Curt.* (*B. E.* xvi. fo. 727, 1839).
Topeutis Mucronalis, *Hüb.* (*V.* 366, 1816).
♀ Tinea lanceolella, *Hüb. Ti.* t. 43, f. 296, 1812.
Topeutis Lanceolalis, *Hüb.* (*V.* 366, 1816).
Chilo lanceolellus, *Curt. B. E.* xvi. t. 727, 1839.
Var. *a.* ♂. Palparia hirta, *Haw. L. B.* 483, 1812. Hairy-horned Veneer.
Var. *b.* ♂. Palparia fumea, *Haw. L. B.* 483, 1812. Smoky Veneer.
Chilo fumeus, *Step.* (*Cat.* ii. 221, 1829). *Curt.* (*G.* 177, 1829). *Step. H.* iv. 331, 1834. *Wood, I. E.* 220, t. 48, f. 1524. *Curt.* (*G.* 2 *edit.* 205, 1837). *Curt.* (*B. E.* xvi. fo. 727, 1839).
Var. ♀. Palparia caudea, *Haw. L. B.* 483, 1812.
Crambus caudeus, *Sam* (*I.* 13, 1818).
Chilo caudellus, *Step.* (*Cat.* ii. 221, 1829). *Curt.?* (*G.* 177, 1831). *Step. H.* iv. 332, 1834. *Wood, I. E.* 220, t. 48, f. 1528. *Curt.?* (*G.* 2 *edit.* 205, 1837).

3. SCHŒNOBIUS GIGANTELLUS. The Gigantic Veneer. B. M.

Tinea gigantella, *Schiff.* (*W. V.* 135, 1776). *Id. Illig.* ii. 88, 1801. *Fab. M.* ii. 240, 1787. *Goëtz. E. B.* iii. 130.

Fab. E. S. iii. 2, 288, 1794. *Hüb. Ti.* t. 8, f. 53, 1800. *Charp. Zins.* 113, 1821.

Phalæna (Tinea) gigantella, *Gmel. S. N.* i. 5, 2585, 1788. *Vill. E. L.* iv. 534, 1789. *Turt. Gm.* iii. 361, 1806.

Topeutis Gigantalis, *Hüb.* (*V.* 366, 1816).

Chilo gigantellus, *Zin. Som. Germ. M.* ii. 38, 1817. *Step.* (*Cat.* ii. 221, 1829). *Curt.* (*G.* 177, 1831). *Treit. E. S.* viii. 293, 1830. *Id.* ix. 1, 62, 1832. *Dup. L. F.* xii. 24, t. 267, f. 2, *a.* ♂, *b.* ♀, 1835. *Fisch.-v.-R.* , t. 16, , 1835. *Curt.* (*G.* 2 *edit.* 205), 1837. *Curt.* (*B. E.* xvi. fo. 727, 1839). *Zell. Isis*, 1839, p. . *Evers. F. V. U.* 540, 1844. *Stain.* (*Cat. Tin.* 1, 1851).

Schœnobius gigantellus, *Guen.* (*Mi.* 95, 1845). *Dup.* (*Cat.* 312, 1846).

Palparia gigantella, *Haw. L. B.* 482, 1812.

Crambus giganteus, *Sam.* (*I.* 13, 1818).

Lithosia convoluta, *Fab. E. S. Supp.* 460, 1798.

♂ Chilo punctigerellus, *Step.* (*Cat.* ii. 221, 1829). *Step. H.* iv. 332, 1834. *Curt.* (*G.* 2 *edit.* 205, 1837). *Wood, I. E.* 220, t. 48, f. 1525, 183 . *Curt.* (*B. E.* xvi. fo. 727, 1839). *West. & H. M.* ii. 241, t. 117, f. 3.

95, (451). CHILO.

Chilo, *Zin. Som. Germ. M.* ii. . 1817. *Step.* (*Cat.* ii. 221, 1829). *Treit.* (*E. S.* viii. 293, 1830). *Dup. L. F.* xii. , 1836. *Zell. Isis*, 1839. *Guen.* (*Mi.* 95, 1845). *Stain.* (*Cat. Tin.* 1, 1849).

Palparia, p., *Haw. L. B.* 483, 1812.

Topeutis, p., *Hüb.* (*V.* 366, 1816).

1. CHILO PHRAGMITELLUS. The Wainscot Veneer. B. M.

Tinea Phragmitella,, *Hüb. Ti.* t. 43, f. 297, ♂, f. 298, ♀, 1812.

Topeutis Phragmitalis, *Hüb.?* (*V.* 366, 1816).

Chilo Phragmitellus, *Zin. Som. Germ. M.* ii. 36, 1817. *Step.* (*Cat.* ii. 221, 1829). *Treit.* (*E. S.* viii. 293, 1830). *Id.* ix. 1, 63, 1832. *Curt.* (*G.* 177, 1831). *Step. H.* iv. 332, 1834. *Fisch.-v.-R.* , t. 18, f. 1, 1835. *Dup. L. F.* xii. 34, t. 268,

f. 2, *a.* ♂, *b.* ♀, 1835. *Wood, I. E.* 220, t. 48, f. 1526. *West. & H. M.* ii. 241, t. 117, f. 4. *Curt.* (*B. E.* xvi. fo. 727, 1839). *Zell. Isis*, 1838, p. . *Guen.* (*Mi.* 95, 1845). *Dup.* (*Cat.* 313, 1844). *Stain.* (*Cat. Tin.* 1, 1849).

♂ Palparia rhombea, *Haw. L. B.* 483, 1812.

♀ Palparia gigantea, *Haw. L. B.* 483, 1812.

Chilo gigantellus, p., *Step.* (*Cat.* ii. 221, 1829). *Curt.* (*G.* 177, 1831). *Step. H.* iv. 332, 1834. *Wood, I. E.* 220, t. 48, f. 1527. *West. & H. M.* ii. 241, t. 117, f. 5.

Crambus gigantellus, *Sam.* (*I.* 13, 1818).

2. CHILO CICATRICELLUS. The Striped Wainscot Veneer.

Tinea cicatricella, *Hüb. Ti.* t. 68, f. 455. *Fisch.-v.-R.* t. .

Chilo strigellus, var., *Treit. E. S.* ix. 2, 267, 1833.

Chilo cicatricellus, *Treit. E. S.* x. 3, 161, 1835. *Guen.* (*Mi.* 95, 1845). *Dup.* (*Cat.* 313, 1844).

Tinea Treitschkeella, *Frey. H. B.* ii. 70, t. 138.

Chilo amplellus, *Zell. Isis*, , p.

♀ Tinea amplella, *Hüb.? Ti.* f. 300.

Topeutis Amplalis, *Hüb.?* (*V.* 366, 1816).

REPUTED BRITISH SPECIES.

3. NEPHOPTERYX? RHENELLA.

Phycis Rhenella, *Zin. Som. Germ. M.* iii. 166, 1818. *Treit. E. S.* ix. 1; 175, 1832. *Dup. L. F.* xii. 210, t. 280, f. 1; *a.* 1836. (*C.* 323, 1844).
Nephopteryx Rhenalis, *Hüb.* (*V.* 370, 1816).
Nephopteryx Rhenella, *Zell.* (*Isis*, 1839, p. 179. *Id.* 1846, p.
Tinea Rhenella, *Mus. Schiff. Charp. Züns.* 178, 1818.
Phycita Rhenella, *Step.* (*Cat.* ii. 215, 1829).
Tinea palumbella, *Hüb. Ti.* t. 10, f. 70, 1800.
Phycis palumbea, *Haw. L. B.* 494, 1812.
Phycita palumbea, *Curt.* (*B. E.* v. fo. 223, 1829).
Rhodophæa rhenella, *Guen.* (*Mi.* 75, 1845).

(*Haw. l. c.* 1812!) Austria.

B. SELAGIA.

Selagia, p., *Hüb. V.* 371, 1816.
Nephopteryx, p., *Zell. Isis*, 1839.

*2. EURHODOPE ARGYRELLA.

Tinea argyrella, *Schiff.* (*W. V.* 135, 1776). *Id. Illig.* ii. 89, 1801. *Fab. M.* ii. 242, 1787. *Goetz. E. B.* iii. 130, 1783.

Fab. E. S. iii. *b.* 294, 1794. *Hüb. Ti.* t. 10, f. 64, 1800. *Charp. Zins.* 113, 1821. *Treit. Heulf.* 396, 1834.
Phalæna (Tinea) argyrella, *Gmel. S. Nat.* i. 5, 2589, 1788. *Vill. E. L.* iv. 536, 1789. *Turt.? Gm.* iii. 364, 1806.
Crambus argyreus, *Fab. E. S. Supp.* 471, 1798.
Selagia Argyralis, *Hüb.* (*V.* 371, 1816).
Phycis argyrella, *Zin. Som. Germ. M.* iii. 124, 1817. *Treit.* (*E. S.* viii. 296, 1830). *Id.* ix. i. 152, 1832.
Ilythia argyrella, *Dup. L. F.* xii. 154, t. 276, f. 5, 1836. *Guen.* (*Mi.* 83, 1845). *Dup. Cat.* 320, 1846.
Nephopteryx argyrella, *Zell. Isis*, 1839, p. 179.

(*Haw. L. B.* 486, 1812!). Hungary; S. E. France.

6 *a*. PEMPELIA STIGMATELLA.*

Phycita stigmatella, *Bentley; West. & H. M.* ii. 231, t. 115, f. 22, 1845.

(*West. & H. M. l. c.* 1845!) N. America?

2 *a*. ACROBASIS? CRISTELLA.*

Tinea cristella, *Hüb. Ti.* t. 11, f. 76, 1800. *Haw.* (*Pr.* 36, 1802). *Treit.* (*E. S.* viii. 296, 1830). *Id.* ix. 1, 183, 1832.
Phycis cristella, *Zin. Som. Germ. M.* iii. 152, 1818. *Evers. F. V. U.* 559, 1844.
Nephopterix Cristalis, *Hüb.* (*V.* 370, 1816).
(Phycis cristea, *Haw. L. B.* 492, 1812).
Pempelia cristella, *Guen.* (*Mi.* 76, 1845).

(*Haw. l. c.* 1802!) France and Austria.

1 *a*. MYELOIS LEGATELLA.*

Tinea legatella, *Hüb. Ti.* t. 11, f. 71, 1800. *Haw.* (*Pr.* 36, 1802).
Zophodia Legatalis, *Hüb.* (*V.* 370, 1816).
Phycita legatella, *Step.* (*Cat.* ii. 216, 1829).

Phycis legatella, *Zin. Som. Germ. Mag.* iii. 149, 1818, *Treit.* (*E. S.* viii. 296, 1830). *Id.* ix. 1, 189, 1832. *Evers. F. V. U.* 558, 1844.
Phycis squalidella, *Evers. Bull. S. I. M.* iii. 564, 1842.
Myelois legatella, *Zell.* (*Isis*, 1839, p. 177). *Id.* 1846, p.
Rhodophæa legatella, *Guen.* (*Mi.* 75, 1845).

(*Haw. l. c.* 1802!) Hungary; Austria.

5. HOMŒOSOMA BINÆVELLA.*

Tinea binævella, *Hüb. Ti.* t. 57, f. 383, 1814.
Nephopterix Binævalis, *Hüb.* (*V.* 370, 1816).
Phycis binævella, *Zin. Som. Germ. M.* iii. 156, 1818. *Treit.* (*E. S.* viii. 296, 1830). *Id.* ix. 1, 168, 1832. *Evers. F. V. U.* 554, 1844.
(Phycita binævella, *Step. H.* iv. 303, 1834).
Lotria binævella, *Guen. Mi.* 83, 1845.

(*Step. l. c.* 1834!) Central France and Russia.

3. EPHESTIA FICELLA.*

Ephestia Ficella, *Doug.* (*Tr. Ent. Soc.* 2 *ser.* 1, 174, 18).

(*Doug. l. c. supra* 18 !)
Dried Figs in London Warehouses—Locality?

2. HYPOCHALCEA LIGNELLA.*

Tinea lignella, *Hüb. Ti.* t. 9, f. 87, 1800.
Chilo lignellus. *Zin. Som. Germ. M.* ii. 105, 1817. *Treit.* (*E. S.* viii. 295, 1839).
Phycis lignella, *Treit. E. S.* ix. 1, 141, 1832. *Dup.* (*Cat.* 322, 1844).
Oncocera lignella, *Guen.* (*Mi.* 72, 1845).
Anerastia Lignalis, *Hüb.* (*V.* 367, 1816).

(*Haw. L. B.* 486, 1812!) Austria.

2. MELISSOBLAPTES ANELLUS.*

Tinea anella, *Schiff.* (*W. V.* 135, 1776). *Id. Illig.* ii. 91, 1801. *Fab. M.* ii. 244, 1787. *Id. E. S.* iii. 2, 299, 1794. *Charp. Züns.* 116, 1821.
Phalæna (Tinea) anella, *Vill. E. L.* iv. 538, 1789. *Goetz. E. B.* iii. 130, 1783.
Tinea sociella, *Hüb. Ti.* t. 4, f. 24, 1800.
Pempelia Colacalis, *Hüb.* (*V.* 369, 1816).
Melissoblaptes anellus, *Zell. Isis*, 1848, p.
Galleria anella, *Dup. L. F.* xii. 261, t. 282, f. 7, ♂, 1836. *Evers. F. V. U.* 538, 1844. *H.-Schæff. Ti.* t. 21, f. 51.
Melia anella, *Guen.* ? (*Mi.* 71, 1845).
Ilythia anella, *Wood, I. E.* 207, t. 46, f. 1437, 1838. *West. & H. M.* ii. 235, t. 114, f. 28, 1845.

(*Step. Cat.* ii. 213, 1829!). Germany; South France.

PRIONAPTERYX.

Prionapteryx, *Step. H.* iv. 316, 1834. *West. & H. M.* ii. 234, 1845.

1. PRIONAPTERYX NEBULIFERA. The Clouded Veneer.

Prionapteryx nebulifera, *Step. H.* iv. 317, 1834. *Wood, I. E.* 214, t. 47, f. 1484. *Curt. G.* 2 *edit.* 207, 1837. *West. & H. M.* ii. 234, t. 115, f. 42, 1845.

Locality?

3 *b*. CRAMBUS INTERVIBRELLUS.

Crambus tentaculellus, *Wood, I. E.* 215, t. 47, f. 1490, 1836. *West. & H. M.* ii. 236, t. 116, f. 6, 1845.
Crambus intervibrellus, ——? *Doub. Zool.* v. 1729, 1847.

(*Curt. B. E.* iii. fo. 109, locality, 1827!) America?

12 *a*. CRAMBUS LUTEELLUS.

Tinea luteella, *Schiff.* (*W. V.* 134, 1776). *Id. Illig.* ii. 86, 1801. *Goëtz. E. B.* iii. 129, 1783. *Charp. Zins.* 108, 1821.
Tinea ochrella, *Hüb. Ti.* t. 8, f. 55, 1800.
Chilo ochrellus, *Zin. Som. Germ. M.* ii. 100, 1817.
Chilo luteellus, *Treit. E. S.* ix. 1, 125, 1832. *Zett. Ins. Lap.* 995, 1840.
Crambus luteellus, *Dup. L. F.* xii. 111, t. 274, f. 1, *a—d.* 1836. *Zell. Isis*, 1838, p. . *Guen.* (*Mi.* 91, 1845). *Dup.* (*Cat.* 317, 1846.
Pediasia Lutealis, *Hüb.* (*V.* 365, 1816).
♀ Tinea convolutella, *Schiff.* (*W. V.* .1776. *Id. Illig.* ii. 1801.
Exoria convolutalis, *Hüb.* (*V.* 467, 1816).
Tinea exoletella, *Hüb. Ti.* t. 7. f. 48, 1800.

(*Step. Cat.* ii. 220, 1829!) Austria, Germany and Central France.

13 *a*. CRAMBUS COMBINELLUS.

Tinea combinella, *Schiff.* (*W. V.* 319, 1776). *Id. Illig.* ii. 82, 1801. *Charp. Zins.* 103, 1821.
Chilo combinellus *Zin. Som. Germ. M.* ii. 45, 1817. *Treit. E. S.* ix. 1, 123, 1834.
Tinea petrificella, *Hüb. Ti.* t. 7, f. 47, 1800.
Palparia petrificella, *Haw. L. B.* 485, 1812.
Chilo petrificellus, *Zin. Som. Germ. M.* ii. 94, 1817.
Crambus combinellus, *Guen.* (*Mi.* 92, 1845).
Exoria Combinalis, *Hüb.* (*V.* 367, 1816).

(*Haw. l. c.* 1812!) Austria.

18 *a*. CRAMBUS DELIELLUS.

Tinea deliella, *Hüb. Ti.* t. 60, f. 402, ♂, f. 403, ♀, 1814.
Agriphila Delialis, *Hüb.* (*V.* 365, 1816).
Chilo deliellus, *Zin. Som. Germ. M.* ii. 96, 1817. *Treit.* (*E. S.* 295, 1830). *Id.* ix. 1, 117, 1832.

Crambus deliellus, *Zell. Isis*, 18 , p. . *Guen.* (*Mi.* 91, 1845). *Dup.* (*Cat.* 317, 1846).
Crambus nigristriellus, *Step. Cat.* ii. 221, (1829).

(*Step. Cat.* ii. 221, 1829). Germany and Hungary.

I. EUCARPHIA.

Eucarphia. *Hüb.* (*V.* 364, 1816.

18 *b*. CRAMBUS RADIELLUS.

Tinea radiella, *Hüb. Ti.* t. 47, f. 325, 1800.
Eucarphia Radialis, *Hüb.* (*V.* 364, 1816).
Chilo radiellus, *Zin. Som. Germ. M.* ii. 83, 1817. *Treit.* (*E. S.* viii. 294, 1830). *Id.* ix. 1, 108, 1832.
Crambus radiellus, *Dup. L. F.* xii.? 100, t. 272, f. 1, 1834. *Zell. Isis*, 1838, p. . *Guen.* (*Mi.* 90, 1845). *Dup.* (*Cat.* 317, 1846).

(*Curt. B. E.* iii. fo. 109, 1827). Alpine Europe.

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SYNOPSIS OF SPECIES.

(Species marked with an asterisk are *reputed* to be indigenous).

§ MICRO-LEPIDOPTERA.—CRAMBIDÆ.

Eudorea
- Cembræ
- ambigualis
- Pyralella
- truncicolella
- cratægella
- Portlandica
- frequentella
- resinea
- murana
- lineola
- angustea
- alpina
- pallida

Nephopteryx
- Abietella
- Roborella
- * Rhenella

Eurhodope
- carnella
- * argyrella

Pempelia
- ornatella
- dilutella
- hostilis
- fusca

Pempelia
- Betulæ
- * stigmatella
- formosa
- palumbella

Acrobasis
- consociella
- * cristella
- tumidana
- angustella

Myelophila
- cribrum

Myelois
- * legatella
- suavella
- marmorea
- advenella
- Ceratoniella
- pinguis
- Artemisiella

Homœosoma
- sinuella
- nebulella
- nimbella
- eluviella
- * binævella

Cryptoblabes
bistriga
Gymnancyla
canella
Ephestia
elutella
semirufa
* Ficella
Plodia
interpunctella
Hypochalcia
ahenella
* lignella
Araxes
lotella
Farrella
Achroia
grisella
Galleria
mellonella
Aphomia
sociella
Melissoblaptes
bipunctanus
* anellus
* Prionapteryx
* nebulifera
Platytes
Cerussellus
Eromene
ocellea
Crambus
rorellus
chrysonuchellus
falsellus
* intervibrellus
Crambus
tentaculellus
pratellus
dumetellus
ericellus
sylvellus
hamellus
pascuellus
uliginosellus
* luteellus
hortuellus
* combinellus
culmellus
pedriolellus
inquinatellus
geniculeus
aridellus
* deliellus
selasellus
* radiellus
tristellus
furcatellus
margaritellus
Pinetellus
latistrius
perlellus
Warringtonellus
lithargyrellus
Schœnobius
mucronellus
forficellus
gigantellus
Chilo
phragmitellus
cicatricellus

ERRATA.

Page 17, *for* artemesiella *read* artemisiella.
„ 132, *for* tentaculella *read* tentaculellus.

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